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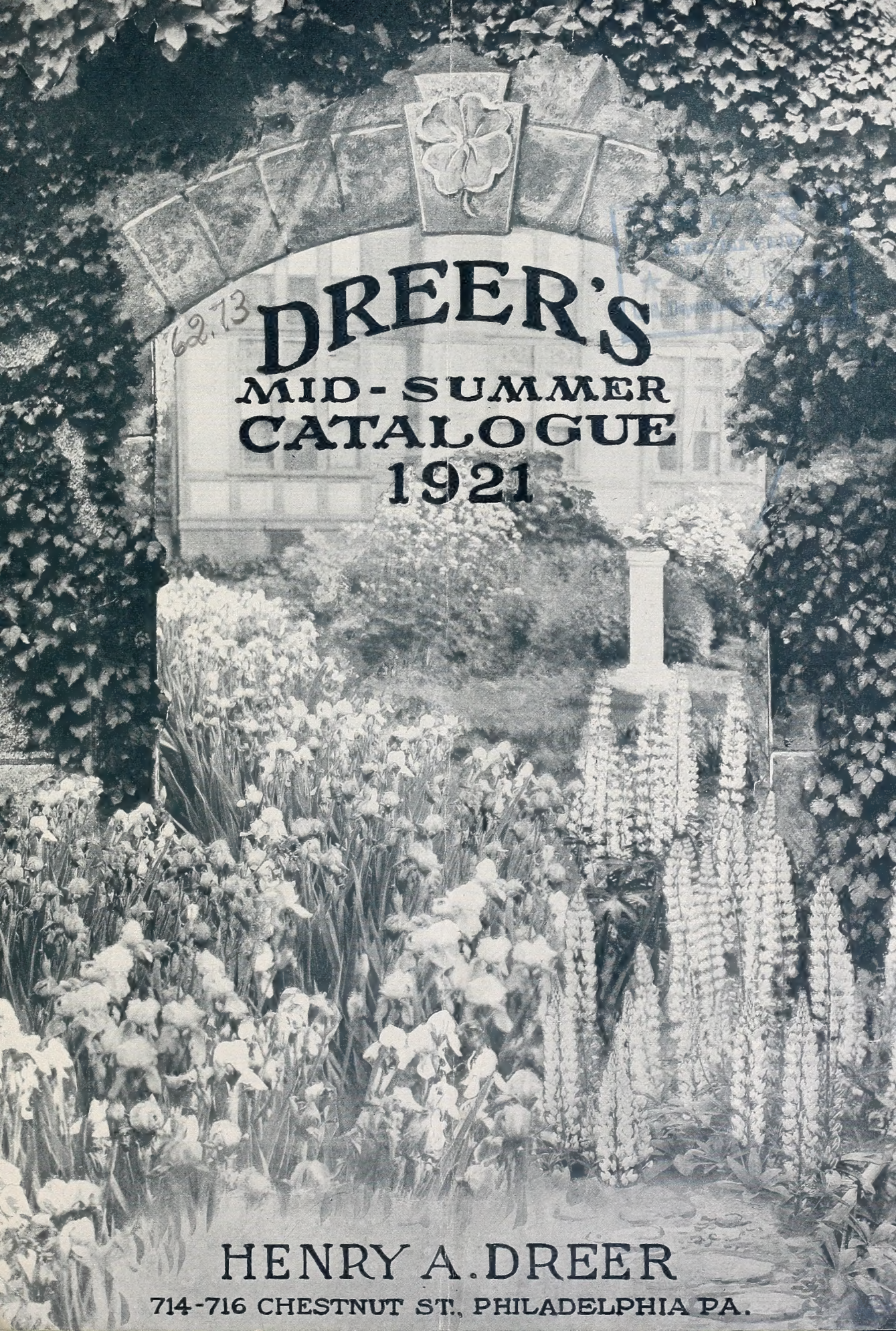

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DREER'S MID-SUMMER CATALOGUE 1921

HENRY A. DREER

714-716 CHESTNUT ST., PHILADELPHIA PA.

Dreer's Midsummer Catalogue

1921

In presenting this, our Midsummer Catalogue for 1921, we would direct the attention of our patrons to our offering as follows:

PAGES

Pot-grown Strawberry Plants which will bear a full crop next year ..... 1 to 4

Celery, Cabbage and Brussels Sprouts Plants 5

Flower Seeds. Our usual comprehensive offering of the sorts that can be sown during the summer ..... 6 to 24

Winter and Spring-flowering Bulbs. Advance offer of the leading kinds ..... 25 to 33

Vegetable Seeds. A complete list of the kinds that can be sown this summer and crops secured before frost ..... 34 to 39

Farm Seeds. For summer sowing 40

Seasonable Tools and Sundries ..... 41 to 48

The attention of our customers is respectfully called to the following directions, which will if followed, be an aid to purchasers as well as ourselves

FORWARDING.—We deliver, postpaid to any Post Office in the United States, Vegetable and Flower Seeds in packets, ounces and pounds, except where otherwise noted in the Catalogue. Agricultural Seeds, Implements, Fertilizers and other heavy and bulky goods are sent by Express or Freight at purchaser's expense.

All Plants, Roots and Bulbs are forwarded by Express, purchaser paying charges. For those of our customers who prefer to receive their goods by Parcel Post, we will be pleased to forward in this manner such Plants, Roots and Bulbs as can be sent in this way at the following additional cost, which must be added to the value of each order for Plants, Roots or Bulbs:

To all points east of the Mississippi River, 10 per cent extra.
To all points west of the Mississippi River, 20 per cent extra.

LOCAL DELIVERY.—We deliver goods free in Philadelphia. We can also forward by Package System (Baggage Master) to points where this system is in operation, such goods as will be received by them at the following charges: Packages weighing when packed for shipment not over 10 pounds, 12 cts.; not over 25 pounds, 18 cts.; not over 40 pounds, 24 cts.; not over 55 pounds, 30 cts.

PACKING.—No charge is made for boxes or packing on Express or Freight shipments nor for Delivery to Freight Depots or Express Offices in Philadelphia; the extra cost of packing Parcel Post shipments is included in the 10 and 20 per cent charge noted above.

SAFE ARRIVAL OF PACKAGES.—We guarantee the safe arrival of all goods sent by Express or Mail to points within the United States. If a package sent by Express or Mail is injured or lost we will replace it as soon as informed of the fact. Goods sent in any other way are solely at purchaser's risk. Frequently it happens that orders never reach us or are without signature. When customers fail to receive their packages in a reasonable time they should inform us, and at the same time send a copy of their order and any other information necessary to trace the goods. Claims for damage must be made on receipt of goods. We do not hold ourselves responsible for failures after delivery of the goods in good condition.

REMITTANCES should be made by Post-office Money Order, Drafts on Philadelphia or New York Banks, or Express Money Orders. We disclaim all responsibility when remittances are not made as above directed. Where it is not possible to obtain these, the letter should be registered. Postage stamps will be found a convenient method of remitting for small amounts, and can be used by us to advantage. Coin should not be sent by mail.

CASH WITH ORDER.—Please send money with the order sufficient to cover the whole bill. We decline sending goods "Collect on Delivery" unless remittance be made on account to guarantee acceptance.

NAME AND ADDRESS.—Please remember to write on each order your **NAME, POST-OFFICE, COUNTY** and **STATE**; also give number of street or P. O. Box as distinctly as possible; also the **NEAREST EXPRESS OFFICE,** or, if on a stage route, send us special directions, giving us the name of the Express Company delivering goods.

NON-WARRANTY.—Most of the failures with seeds, plants and bulbs are due to causes entirely beyond our control, such as unfavorable weather or soil conditions, too deep or too shallow planting, etc., which renders it impossible for us to guarantee success, and although we take all possible care to supply only such goods as will, under proper conditions, produce satisfactory results, we still give no warranty as to description, quality or productiveness of any of the seeds, plants or bulbs we send out, and will not be in any way responsible for the crop, and every order for articles named in this Catalogue will be executed on these conditions only. It must, however, be plain to every one who gives the matter the slightest thought that it is to our best interests to send out only such stock as will not only grow, but prove true to name and description.

CORRESPONDENCE.—We try to give prompt attention to all proper letters of inquiry, etc. We ask, as a favor, that all questions be stated clearly and briefly, and not on order sheets.

HENRY A. DREER 714-716 Chestnut Street PHILADELPHIA

MID-SUMMER AND AUTUMN ORDER SHEET

HENRY A. DREER, 714-716 CHESTNUT STREET Philadelphia, Pa.

PLEASE DO NOT WRITE HERE

Date ____________ Forward by (State whether wanted by Mail, Express, or Freight) ____________

Name (Please prefix Mr., Mrs. or Miss) ____________

Street, P. O. Box or Rural Delivery ____________

Post Office ____________

Express Office (If different from P. O.) ____________

County ____________ State ____________

Amount Enclosed State whether P. O. Order, Express Money Order, Draft, Postage Stamps or Cash $ ____________

QUANTITY WANTED	ARTICLES WANTED	PRICE
	Amount Forward	

QUANTITY WANTED	ARTICLES WANTED	PRICE

FROM _____

_____

_____

PLACE POSTAGE STAMP HERE

HENRY A. DREER

SEEDS, PLANTS AND BULBS

714-716 CHESTNUT STREET

PHILADELPHIA, PA.

DREER'S
POT-GROWN STRAWBERRY PLANTS

Pot-grown Plants set out this Summer will Produce a FULL CROP OF FRUIT NEXT YEAR

Our facilities for growing Strawberry Plants at our Nurseries at Riverton, N. J., enable us to produce early in the season strong pot-grown plants of greatest vitality.

Time of Shipment. Our pot-grown Strawberry Plants are usually ready for shipment the latter part of July, and can be supplied as late as October. It is better, however, to secure the plants in August or September, as earlier plantings develop larger and more vigorous plants and produce a greater crop of fruit next year.

We forward by express, at the purchaser's expense. The plants are packed compactly, and as light as possible. We make no charge for boxes or packing. If shipment by Parcel Post is desired, add 10 per cent. to price of plants to cover cost of special packing and postage.

Directions for Garden Culture. To cultivate Strawberries for family use, we recommend a thorough preparation of the ground by deep spading or plowing. Work into the soil a liberal quantity of well-rotted manure. Use also our brands of ground bone and wood ashes. Plant in rows two feet apart; the plants fifteen inches apart in rows. Pinch off all runners. Cultivate frequently. In December cover the entire bed an inch deep with straw or long litter from the stable. In late March remove litter from crowns of the plants, but not from the alleys. Use sufficient straw about plants to keep the berries clean. This is the "hill" system of strawberry growing, and is especially adapted to summer and autumn planting. It involves the most work, but produces finest berries and largest crop from a given area.

The "matted row" plan, more especially suited to spring planting, is used by all market gardeners, and is adapted to family gardens also. It is substantially as follows: Prepare the ground as above. Set the plants in rows three feet apart, and fifteen inches apart in rows, permit runners to form and take root; cultivate the alleys continually, as close to the plants as possible, finally making alley and row each about eighteen inches in width. Keep the bed wholly free of weeds. Cover in winter, as above, and in March uncover crowns of plants. Use plenty of mulching, so as to keep berries clean and ground moist and cool.

Pot-grown versus Layer Plants. Potted plants may appear expensive, yet when the labor necessary to grow them into proper condition and the time saved in the result of the crop are considered, they will be found cheaper than ordinary layer plants. They may be planted after a crop of early summer vegetables have been harvested, and a crop of fruit secured eight to ten months after planting.

Layer Plants. A full list of layer plants will be given in our Autumn Catalogue, which we issue in September. They are not so desirable as pot-plants, and will not produce as large a crop of fruit next spring; but they are cheaper and more available for extensive planting.

Under proper autumn treatment they produce quite satisfactory results. A "layer" strawberry plant is one that has taken root by its own effort, whereas a "pot-grown" plant, having all the fibrous roots confined in pot, is not checked in growth by transplanting.

For Full cultural directions we recommend either of the following two books:

Biggle's Berry Book. A valuable work on the subject. 50 cts., postpaid.

Strawberry Culture (*Fuller*). Contains all necessary information for their culture. 40 cts., postpaid.

DREER'S POT-GROWN STRAWBERRY PLANTS

Remember pot-grown plants, properly planted and cultivated, will positively give you a full crop of berries next summer; early planting (August) will give you the largest crop, later planting will prove satisfactory, but the earlier the plants are set out, the stronger will be the growth and the larger the resulting crop of berries in 1922.

BIG JOE

(Mid-season, Perfect)

This variety is highly recommended by reliable growers, and our own experience with it justifies us in endorsing all that has been said in its favor. The plant is usually vigorous, with a mass of large, healthy foliage; the fruit is large, of great substance, exquisite flavor and produced freely on strong stems held well above the ground. We do not know any variety that promises to give more general satisfaction. $1.00 per doz.; $7.00 per 100; $60.00 per 1000.

BRANDYWINE

(Mid-season to late, Perfect)

All growers are unanimous in their praise of this magnificent berry, and it is considered one of *the finest mid-season to late-fruiting sorts.* We do not know that it has a single defect, plants of extra strong constitution and growth doing well everywhere. The fruit is extra large, heart-shaped, color bright, rich red, and the flavor leaves nothing to be desired. A grand variety for preserving, retaining its flavor in a wonderful degree when canned. It always produces satisfactory crops, and whether grown for market or home consumption, will always be found in the front rank of high-grade berries. $1.00 per doz.; $7.00 per 100; $60.00 per 1000.

CAMPBELL'S EARLY

(Extra Early, Perfect)

An extra early variety of great merit—a very vigorous grower, producing great crops of large, rich, red berries. Practically all the fruit grows to full sized perfection, ripening perfectly.

We believe there is no variety superior to it for earliness and vigor. $1.00 per doz.; $7.00 per 100; $60.00 per 1000.

CHESAPEAKE

(Late, Perfect)

A most reliable berry, which is giving perfect satisfaction in all parts of the country, both in the home garden as well as with market growers, many of the latter using it for their main crop. It is not a variety that sets an immense quantity of fruit, but every blossom makes a berry, every berry being well developed and strictly fancy, of good color without any green tips and of highest quality. A berry that we can recommend for all soils and conditions. $1.00 per doz.; $7.00 per 100; $60.00 per 1000.

DR. BURRILL

(Early, Perfect)

This variety is very highly praised by the experts because of its wonderful vigor. Having a very strong root system, it is not easily affected by drouth, its foliage is extra heavy and substantial, making it almost immune from leaf disease.

The fruit is a deep glossy red, while the flesh is solid and rich. $1.00 per doz.; $7.00 per 100; $60.00 per 1000.

GANDY'S PRIZE

(Late, Perfect)

The standard late variety, which has held its own for many years, and by which every new late berry is judged. It is a strong healthy grower, but needs a rich soil for its perfect development. The berries are borne on long, strong stalks, well above the ground, a variety that is hard to beat. $1.00 per doz.; $7.00 per 100; $60.00 per 1000.

GLEN MARY

Midseason to Late, imperfectly Bi-sexual

In the Middle and Northern States, where Glen Mary is at its best, probably no variety of strawberry will produce more quarts per acre. The berries are large, firm enough to ship, of handsome appearance and good quality. Glen Mary is a strong grower and produces an abundance of foliage. The blossoms are about half perfect, but carry enough pollen for their own fruit. However, we believe the size and quantity of the berries can be increased by planting with it some strong pollenizer like Big Joe. $1.00 per doz.; $7.00 per 100; $60.00 per 1000.

LIBERTY BELL

Late, Perfect

A new variety, a seedling of the Gandy. A wonderful thrifty grower, heavy yielder, and in general appearance favors Gandy, but with fruit almost double the size. Liberty Bell is as firm a berry as Gandy, and we recommend it for trial. $1.75 per doz.; $10.00 per 100.

LUPTON

(Late, Perfect)

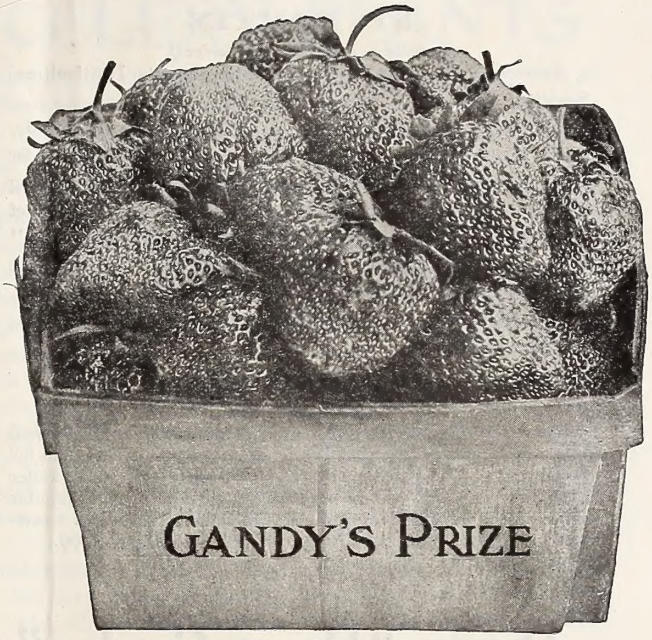
This berry has no equal for solidity, and because of its extraordinary substance is an ideal berry for preserving. Add to this the fact that it is very prolific, producing lavish quantities of large brilliant red, smooth-surfaced, glossy berries of high flavor, it will be found extremely desirable and valuable. $1.00 per doz.; $7.00 per 100; $60.00 per 1000.

McALPIN

(Midseason, Perfect)

A very vigorous grower, with medium to large fruit, brilliant scarlet in color and unexcelled in quality. After a heavy rain McAlpin will have less sand on the berries than any other variety with which we are acquainted, an important feature where mulching is not practiced. A splendid home berry, $1.00 per doz.; $7.00 per 100; $60.00 per 1000.

Premier Strawberries



OREAM

(Very Late, Perfect)

Recommended for the immense size of its berries, which are very freely produced.

In comparing it with that grand late variety, Gandy's Prize, it is claimed to ripen at the same time and to continue in fruit long after the Gandy's are past, thus lengthening the Spring Strawberry Season a week or ten days. $1.00 per doz.; $7.00 per 100; $60.00 per 1000.

PREMIER

(Very Early, Perfect)

One of our most successful berry growers describes Premier as follows: "The money-making king of all extra-early varieties. I have never found anything to equal it. The berries are large, beautifully formed and bright red all the way through. It is delicious in flavor. I have fruited it four years and like it better every year, and if it has any weak points have not found them." $1.00 per doz.; $7.00 per 100; $60.00 per 1000.

REWASTICO

(Mid-season to Late, Perfect)

A recent introduction which has the enthusiastic endorsement of one of the most extensive and successful strawberry growers in the country, and who speaks of it as the only competitor that the Chesapeake Strawberry has ever had, in many respects excelling that very popular late berry. It is a highly colored cardinal red, the color penetrating the uniformly large berries through and through. These berries in shape are so uniform that they appear as if turned out in a mold. Its quality is high, of a rich aromatic flavor. The plant is a strong, vigorous grower and very productive. $1.00 per doz.; $7.00 per 100; $60.00 per 1000.

Books on Strawberry Culture

Biggle's Berry Book. All small fruits are treated in this complete little book. Price, 50 cts. postpaid.

Strawberry Culture (Fuller). Gives all information on growing strawberries. Price, 40 cts., postpaid.

ST. MARTIN

(Mid-season to Late, Perfect)

Awarded silver medal by the Massachusetts Horticultural Society.

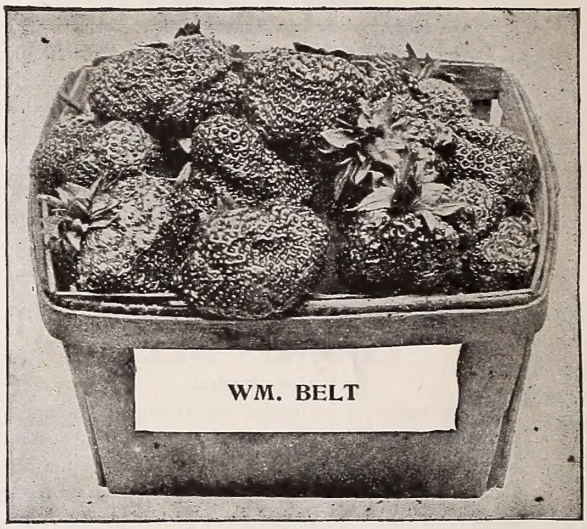
The originator and introducer of St. Martin Strawberry, Mr. Louis Graton, says: "I have been growing Strawberries for forty-five years, and during all this time I have been striving to find the perfect berry. In placing St. Martin on the market I believe I am offering the best all-around berry in existence."

St. Martin is a fancy, extra large berry, which holds its size to the end of the season. It is of a beautiful, deep red color, firm flesh, wonderful flavor and delicate aroma. $1.75 per doz.; $10.00 per 100.

WILLIAM BELT

(Late, Perfect)

For vigorous growth, great productiveness, size, beauty and fine quality one of the very best. It is grown by the acre for fancy fruit. The first berry to ripen on each fruit stalk, under high culture, is apt to be coxscombed; all others are of regular form. It is of bright, glossy red, the ideal color for a strawberry. $1.00 per doz.; $7.00 per 100; $60.00 per 1000.



Dreers "Home Garden" Collection of Strawberries

All Pot-Grown Plants which will Produce a FULL CROP of Berries next Summer

Notwithstanding the care we take in keeping our list down so as to include only varieties of sterling merit, the amateur finds difficulty in making a selection that will produce a bountiful supply of the finest fruit from the beginning to the end of the season. It is for such that we offer this collection, made up of **Campbell's Early** and **Premier** for early, **Brandywine** for mid-season, **Chesapeake** and **Gandy's Prize** for late, and **Progressive** for an autumn bearing variety, all of them sorts which adapt themselves to the most varied conditions of soil and climate, and which, in our judgment, combine in the highest degree all the qualities which high-grade strawberries should have:

6 each of the "Home Garden" Berries, 36 in all, for $3.00	25 each of the "Home Garden" Berries, 150 in all, for $10.00
12 " " " " " " 72 " " 5.50	50 " " " " " " 300 " " 18.00

AUTUMN FRUITING STRAWBERRIES

Autumn-Fruiting or Everbearing Strawberries

After careful trials we have selected the three varieties offered below as the most desirable. Under ordinary conditions they produce their main crop of fruit at the same time as other varieties and keep on bearing until frost. The proper plan is to cut off all buds as they appear until late in July, and thus conserve the strength of the plants for the fall crop. Treated in this way an abundant crop of berries may be looked for during September and October, or if the disbudding of part of the plants is discontinued late in June an almost continuous crop of this luscious fruit may be secured throughout the growing season. Good cultivation is essential to bring about the best results, a liberal mulching during the summer is beneficial, and the plants should not be allowed to suffer for lack of water at any time.

Forward. Of free growth, producing an abundance of fruit throughout the summer and fall, particularly desirable for a very late crop, if judiciously disbudded; berry of good size and of excellent quality.

Peerless. A real *fall-bearer*—does not require disbudding and produces fruit until killing frost. in November. The fruit and blossoms being protected by very heavy foliage from all but severe frost. The berry is large to very large and wonderfully attractive.

Progressive. The most prolific fruiting; berries of fair size and produced in great abundance; they are of an attractive deep, glossy crimson color and of good flavor.

Price. Any of the Everbearing varieties, $1.25 per doz.; $8.00 per 100.

CELERY PLANTS

Plants will be ready to send out July 1st. They can be planted in this latitude from then until the end of August.

Celery requires a moist, rich soil, and will not thrive in poor soil and dry situations. After the plants have attained a height of five or six inches they should be set out in rows three feet apart, and six inches in the row. When twelve to fifteen inches high the soil should be loosened by the use of the plow or hoe, and the plants "handled." This operation consists of drawing the stems upright with one hand and pressing the soil firmly against the plant with the other; by this process the plants grow upright, and can be easily cultivated and blanched by drawing the soil close up to the plant. Celery should receive thorough cultivation if good results are desired. To store for winter use, select well drained ground, dig trenches one foot wide and deep enough to cover the tops of the plants. Pack the stalks in this in an upright position, covering with waterproof celery paper to shed the water; in severe weather protect with straw or leaves.

We grow in quantity the following splendid varieties:

Columbia. An exceptionally fine early variety of medium height, but very stocky, foliage light green with yellow tinge, stalks thick, almost round, of a rich, yellow color, similar to the well-known Golden Self-blanching, which it resembles when trimmed and bunched. Its exceedingly fine flavor and crispness will please the most critical.

Easy-Blanching. A new variety of remarkably easy-blanching characteristics. The stalks are thick and brittle, of splendid quality and flavor. Useful alike for early use and keeping during the winter months.

Giant Pascal. Stalk very large, thick, solid, crisp and of rich, nutty flavor. It blanches very easily and quickly, and has superior keeping qualities.

Golden Self-Blanching. An early, beautiful and in every way desirable sort, requiring but little labor to blanch. The heart is a rich, golden-yellow, with light yellowish green outer leaves.

Perfected White Plume. A choice strain of this valuable and popular variety. It is unsurpassed for fall and early winter use, requiring very little earthing up to blanch it.

Winter King. One of the best of the winter keeping Celeries. While the outer stalks are green, it naturally produces many golden hearts, which are very crisp, tender and of excellent flavor.

Winter Queen. This variety is a valuable sort, particularly on account of its excellent winter-keeping qualities. It grows a very thick, solid and heavy stalk, and has a large heart, and when blanched is a creamy white color.

All Celery plants 75 cts. per 100; $6.00 per 1000.

If wanted by Parcel Post, add **15** *cts. per* 100.

Miscellaneous Vegetable Plants

In stock until August. If wanted by Parcel Post, add 15 *cts. per* 100.

CABBAGE

Dreer's Selected Late Flat Dutch. Short stem, and large, solid and flat heads. Our stock has been carefully selected for several years, in order to get a Cabbage of this type, and we are confident no better strain is on the market.

Mammoth Rock Red. The largest and most solid of the red varieties; a sure heading sort, and tender.

Perfection Drumhead Savoy. Of superior quality; the largest solid heading Savoy, possessing the rich flavor of the Cauliflower.

Price. Any of the above, 50 cts. per 100; $4.00 per 1000.

BRUSSELS SPROUTS

Dreer's Select Matchless. A small-leaved variety of this noted vegetable, which, through careful selection, has been brought to perfection; grows freely during the summer, and is fully developed by the early frost, at which time the stems are thickly set with sprouts the full length. 75 cts. per 100; $6.00 per 1000.

NOTE—We supply 250 or more of a kind at the 1000 rate

Dreer's Reliable Flower Seeds

FOR SUMMER SOWING

On the following pages we give a list of Seeds of the **Best Hardy Perennials**, which are now so deservedly popular. With little trouble you can have an abundant supply of Columbines, Canterbury Bells, Foxgloves, Gaillardias, Hollyhocks, Larkspurs, Forget-me-nots, Daisies, Sweet Williams, etc., etc., for flowering in 1922. The list also includes a choice selection of other Flower Seeds for summer sowing, such as Cinerarias, Cyclamens, Pansies, Primulas, etc.

Hardy perennials are easily grown from seed. In many cases they are a little slower than annuals, but with intelligent care they are successfully raised, and from seed is an excellent way to get up a big stock of perennials.

We will be pleased to send our customers on request a leaflet on **How to Grow Perennials from Seed**, written expressly for us by Wm. Falconer, of Pittsburgh.

Achillea Ptarmica "The Pearl"

ACHILLEA (Milfoil, or Yarrow)

PER PKT.

1021 **Ptarmica "The Pearl."** One of the best hardy white perennials. Grows about 2 feet high and from spring till frost is covered with heads of purest white double flowers. Easily grown from seed.. 25

ACONITUM (Monk's Hood, or Wolfsbane)

1031 **Napellus.** A hardy perennial, growing in any good garden soil, producing long spikes of curiously shaped blue and white flowers. Well adapted for planting among shrubbery or in shady corners of the garden; 3 to 5 feet..... 10

ADLUMIA

(Mountain Fringe, Allegheny Vine, or Climbing Fumitory)

1051 **Cirrhosa.** A graceful hardy biennial climber, but as it resows itself year after year, it might be considered perennial. The feathery foliage closely resembles that of the Maiden-hair Fern. The flowers are tube-shaped, flesh-colored, somewhat like the Bleeding Heart, and completely cover the plant. For covering trellises, stumps of trees, etc., it is very desirable..... 15

Agrostemma Coronaria

AGROSTEMMA

(Rose of Heaven, Mullein Pink)

PER PKT.

1090 **Coronaria.** An attractive free-flowering hardy perennial of easy culture, producing glowing crimson flowers like a single pink, and silvery white foliage; fine for cutting; 2 feet. ¼ oz., 20 cts..... 5

1091 — **Alba.** A pure white variety..... 10

1093 **Flos Jovis** (*Flower of Jove*). Deep pink flowers on 12-inch high stems 10

Anchusa Italica, Dropmore Variety

ALYSSUM (Mad Wort)

Pretty little plants for edging or rockwork.

1101 **Little Gem, or Carpet of Snow.** Annual of dwarf, compact habit, but 4 inches high. Seed sown during the summer comes into bloom in a few weeks, continuing a solid mass of white to late in autumn; the best white-flowering edging plant. Per ¼ oz., 25 cts.; per oz., 75 cts..... 10

1104 **Saxatile Compactum** (*Basket of Gold*). Showy, bright yellow flowers, hardy perennial; excellent for rockwork; 1 foot. Per ¼ oz., 50 cts. 10

AMPELOPSIS (Boston, or Japanese Ivy)

1131 **Veitchi.** A hardy perennial climber, with olive-green leaves, which turn to scarlet in the autumn. The best and most popular climber for covering brick or stone walls. Per oz., 50 cts..... 10

ANCHUSA (Alkanet)

1138 **Italica Dropmore Variety.** One of the best hardy perennials, grows 3 to 5 feet high, and bears in abundance flowers of the richest gentian-blue during May and June. ¼ oz., 50 cts..... 15

DREER'S ANTIRRHINUMS

AQUILEGIA or COLUMBINE

No hardy plant grown from seed is more easily handled than the Columbine. Seed may be sown in the open ground early in spring, and will, in most cases, bloom the same season; or they may be planted in August or September, and will come up early in spring and make vigorous plants, which will bloom abundantly during late spring and early summer.

Columbines should be planted wherever their presence will serve to lighten up a too stiff and formal planting, for no other plant has so airy a grace as the Columbine, is more generous of its blooms, or more effectively adapted for cut flowers.

PER PKT.

1181 **Californica Hybrida.** Exquisite flowers, in yellow and orange shades, all with long spurs..... 15

1182 **Canadensis.** This is the scarlet and yellow native species and one of the brightest. ⅛ oz., 30 cts..... 10

1183 **Chrysantha** (*Golden Spurred*). Golden-yellow. ⅛ oz., 50 cts..... 10

1185 **Cœrulea** (*Rocky Mountain Columbine*). Violet-blue and white; 2 feet..... 15

1195 **Helenæ.** Of strong robust growth, bearing numerous flowers of a lovely shade of blue and pure white..... 10

1197 **Nivea Grandiflora.** A beautiful large pure white. ¼ oz., 25 cts..... 5

1198 **Vulgaris.** The common European Columbine, flowers rich violet-blue; a strong grower. ¼ oz., 25 cts.. 5

1199 **Collection** containing a packet each of the 7 above named sorts..... 60

1206 **Dreer's Long-spurred Hybrids.** A beautiful strain, comprising shades and combinations of blue, white, yellow, orange, scarlet and bright rose-pink, in large flowers with long spurs. 2 pkts., 25 cts..... 15

1207 **Double,** all colors mixed. Per ¼ oz., 25 cts..... 5

1210 **Single,** all colors mixed. Per ¼ oz., 20 cts..... 5

ANTIRRHINUM (Snapdragon)

Within the last few years Snapdragons have become immensely popular. This is not to be wondered at, as, whether used for cutting or for show in the garden, they are one of the most valuable flowers which can readily be grown from seed. We offer two distinct types, the large-flowering, tall-growing, or giant, and the equally large-flowered, half-dwarf variety. In our trials the seeds sown out of doors the first week of May came into bloom early in July, remaining in full bloom until November. For earlier flowering, they may be started indoors or in a frame in March, transplanting them to the open when the weather is suitable.

Giant Varieties. Of tall growth, very large individual flowers:

	PER PKT.		PER PKT.
1171 **Scarlet**.....	10	1174 **Garnet**.....	10
1172 **White**.....	10	1175 **Pink.** Silver pink..	10
1173 **Yellow**.....	10	1176 **Rose.** Rich rose...	10

1179 **Collection** of a packet each of the above 6 colors. 50

1180 **Giant Mixed.** A splendid mixture, containing all the colors. ¼ oz., 30 cts..... 10

Large-flowering Half-dwarf Varieties. A splendid type, growing about 18 inches high, the best for bedding purposes:

1162 **Daphne.** Soft blush pink..... 10

1163 **Defiance.** Orange or russet red..... 10

1164 **Golden Queen.** Rich, pure yellow..... 10

1165 **Firebrand.** Rich, deep red..... 10

1166 **Rose Queen.** Rich rose..... 10

1167 **Mont Blanc.** Pure white..... 10

1169 **Collection** of above 6 sorts..... 50

1170 **Half-Dwarf Mixed.** All the colors. ¼ oz., 30 cts. 10

1160 **Tall Mixed.** The old-fashioned type; fine long spikes, grand for cutting. ¼ oz., 25 cts..... 5

AQUILEGIA OR COLUMBINE

BELLIS (Double Daisy)

BALSAM (Lady's Slipper)

This favorite annual can be sown any time during the early summer, and will bloom profusely up until frost.

PER PKT.

1540 **Double Camellia Flowered.** Finest mixed. ¼ oz., 25 cts..... 5

BELLIS (English Daisy)

A favorite perennial, which will stand the winter if given the protection of a little litter. In bloom from early spring until well on in the summer. Easily raised from seed, which may be sown any time from spring till August. For best results, new plants should be raised from seed each year. The following are the finest double-flowering kinds, selected after careful test out of over twenty sorts:

PER PKT.

1594 **Longfellow.** Large, double-pink flowers..... 10

1596 **Ranunculiflora Alba.** A splendid type, with densely double pure white flowers, not very large, but very free-flowering..... 15

1597 **Ranunculiflora Rosea.** Identical to the preceding except in color, which is a bright rosy pink..... 15

1593 **Giant White.** Each plant produces but a few flowers, but these are of enormous size, almost as big as a good-sized Aster..... 25

1591 **Giant Rose.** Same as the above except in color..... 25

1598 **The Bride, or Improved Snowball.** A fine large double free-flowering pure white..... 10

1595 **Double Quilled.** Double-quilled flowers in mixture, containing red, pink and white..... 25

1600 **Double Mixed.** A fine mixture, containing all the colors. ⅛ oz., 50 cts..... 10

BOCCONIA (Plume Poppy, or Tree Celandine)

1611 **Cordata.** Effective, hardy perennial, for single specimens or groups on lawns. Foliage glaucous green; bears freely spikes 2 to 3 feet long of cream-colored flowers; 5 feet; easily raised from seed. ¼ oz., 25 cts..... 10

ANEMONE (Windflower)

A very pleasing perennial, producing large flowers; few plants compare with them in beauty; fine for bouquets. Sow outdoors or in frame; keeping shaded till the plants appear.

PER PKT.

1140 **Coronaria. Mixed Colors** (*Poppy Anemone*).... 10

1146 **St. Brigid.** A beautiful selection of the above; our seed comes from a famous Irish grower, and comprises semi-double and double flowers in a wonderful array of colors. 2 pkts., 25 cts..... 15

ARABIS ALPINA

BOLTONIA

(False Chamomile)

One of the showiest of our native hardy perennials, growing 4 to 6 feet high, with daisy-like flowers in countless thousands from July to September.

1615 **Asteroides.** White 10

1616 **Latisquama.** Lilac pink..... 10

ANTHEMIS (Hardy Marguerite)

1150 **Kelwayi.** A most satisfactory hardy perennial, bearing all summer daisy-like golden-yellow blossoms; excellent for cutting; 2 feet..... 15

ARABIS (Rock Cress)

1211 **Alpina.** A hardy perennial and one of the earliest and prettiest spring flowers. The spreading tufts are covered with a sheet of pure white flowers as soon as the snow disappears. Unequalled for rockeries or edging; withstands the drought and is always neat; 6 inches. ¼ oz., 25 cts..... 10

ARMERIA (Sea Pink or Thrift)

1221 **Formosa.** A very pretty edging plant; bearing rosy-pink flowers; hardy perennial. 2 pkts., 25 cts..... 15

HARDY PERENNIAL ASTERS

1251 **Alpinus.** Indispensable for the rockery or edge of hardy borders; grows 6 to 10 inches high and bears large showy bluish-purple flowers in May and June 10

1400 **Mixed** (*Michaelmas Daisies*). Single fall-flowering hardy herbaceous plants, thriving in any good garden soil; 3 feet. ¼ oz., 50 cts..... 10

AURICULA (Primula Auricula)

1500 A well-known favorite of great beauty; seed saved from splendid choice mixed varieties; half-hardy perennial, 6 inches..... 25

BOLTONIA

CAMPANULAS or BELLFLOWERS

Well known, beautiful, hardy herbaceous perennials, bearing a great profusion of attractive, bell-shaped flowers; thriving best in light, rich soil; some of the varieties flower the first season if sown early.

PER PKT.

1721 **Carpatica** (*Carpathian Hare Bell*). Free-flowering hardy perennial, continuing in bloom the whole season; color clear blue; grows 6 inches high; especially good for edging. ¼ oz., 50 cts. 10

1720 — **Alba.** The white-flowered form of the above. ¼ oz., 50 cts.. 10

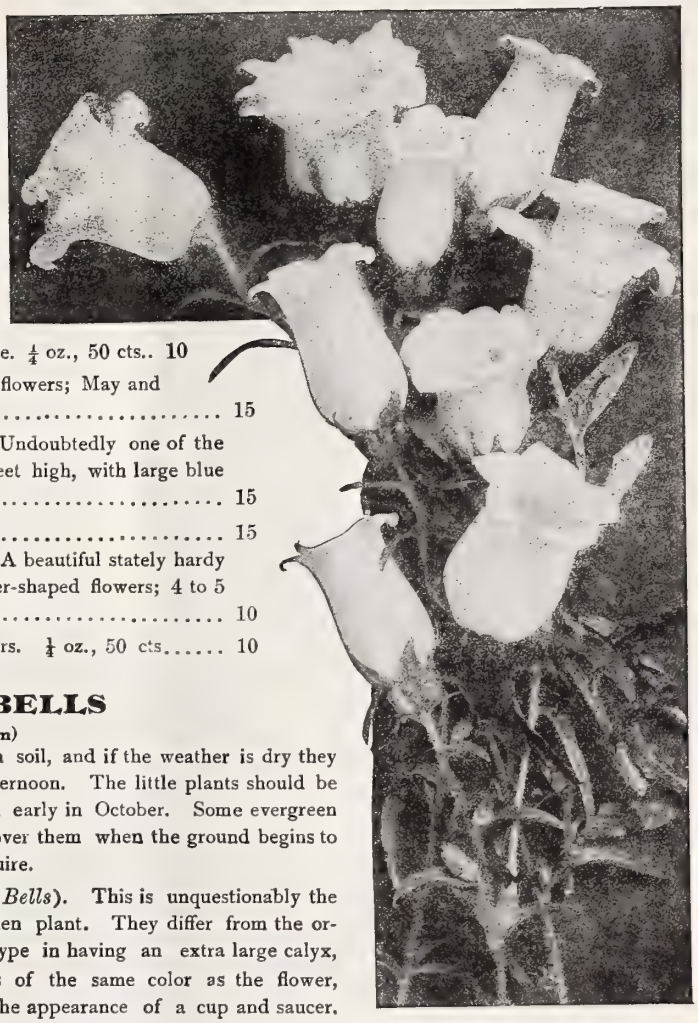
1723 **Latifolia Macrantha.** Large purplish-blue flowers; May and June; 3 feet 15

1724 **Persicifolia Grandiflora** (*Peach Bells*). Undoubtedly one of the finest of the hardy Bellflowers; grows 2 to 3 feet high, with large blue flowers 15

1725 — — **Alba.** The white flowered Peach Bells 15

1728 **Pyramidalis** (*The Chimney Bellflower*). A beautiful stately hardy plant, either for garden or pot culture; blue salver-shaped flowers; 4 to 5 feet. ¼ oz., 50 cts. 10

1729 — **Alba.** Same as above, but with white flowers. ¼ oz., 50 cts. 10



Cup and Saucer and Single Canterbury Bells

CANTERBURY BELLS

(Campanula Medium)

The seeds should be sown in finely prepared, rich soil, and if the weather is dry they should be given a thorough watering late every afternoon. The little plants should be transplanted to the places where they are to bloom early in October. Some evergreen branches, or a little straw or coarse hay, thrown over them when the ground begins to freeze, makes all the winter covering these plants require.

Calycanthema (*Cup and Saucer Canterbury Bells*). This is unquestionably the finest type of this old-fashioned and much prized garden plant. They differ from the ordinary type in having an extra large calyx, which is of the same color as the flower, giving the appearance of a cup and saucer. They are effective either in the garden or grown in pots for conservatory or table decoration. We offer them in separate colors, as well as in mixture, viz.:

PER PKT.

1736 **Rose Pink.** Delicate rosy-pink 15

1735 **Blue.** A fine clear shade 15

1738 **White.** Pure white 15

1740 **Finest Mixed.** ¼ oz., 75 cts. 10

1734 **Double-flowering Cup and Saucer.** A new race from a celebrated French hybridizer; contains all colors.. 25

Medium (*Single Canterbury Bells*). The old-fashioned sort with beautiful, large bell-shaped blossoms. We offer four distinct colors and mixed, as follows:

PER PKT.

1744 **Dark Blue** 10

1745 **Light Blue** 10

1746 **Rose** 10

1747 **White** 10

1748 **Single Mixed.** All colors. ¼ oz., 25 cts. 5

1741 **Double Mixed.** All the double-flowering Medium varieties 10

Campanula Pyramidalis

Campanula Carpatica

CALENDULA ORANGE KING

CARNATION

Carnations are general favorites for their delicious fragrance and richness of color. They are indispensable both for greenhouse culture in winter and for the garden in summer. PER PKT.

1850 **Hardy Border Double Mixed.** A good hardy strain for outdoor culture, flowering the second season and producing a mass of flowers in a great variety of colors. ⅛ oz., 40 cts 15

1831 **Chabaud's Everblooming.** Raised by a famous French specialist. Blooms in five months after being sown, and continues to flower in the greatest profusion indefinitely. Mixed colors 25

1820 **Marguerite Mixed.** A quick-flowering strain; double flowers in great variety of colors. ¼ oz., 40 cts..... 10

1830 **Giant Marguerite Mixed.** An improved large flowering strain. ¼ oz., 50 cts 15

CENTAUREA CYANUS (Cornflower)

These are also known as Bachelor's Buttons, Blue Bottle, Ragged Sailor, Bluet, etc.

1876 **Single Blue.** The favorite dark blue sort. Per oz., 40 cts 5

1880 — **Mixed.** Blue, white, rose, etc. Per oz., 30 cts..... 5

1881 **Double Blue.** Identical in color to the popular single blue variety, but, being a full, double flower, it takes fewer of them to make a nice bunch, and it is better in every way. ¼ oz., 50 cts..... 15

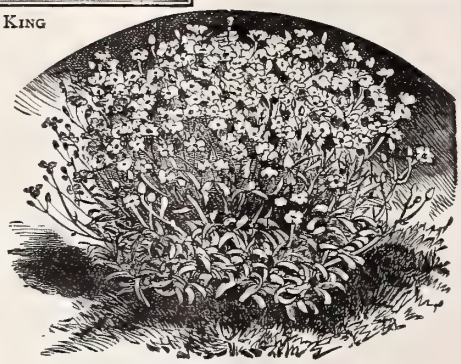
1882 **Double Rose Pink.** A splendid variety for cutting, color clear rose-pink. ¼ oz., 50 cts..... 15

1890 **Double-flowered Mixed.** All colors, including blue, rose, white, etc. Per oz., 50 cts.. 10

1904 **Montana** (*Perennial Corn Flower*). Grows 2 feet high, bearing large violet-blue flowers from July to September... 15

CALCEOLARIA

1671 **Dreer's Perfection.** An ornamental plant, producing a mass of beautiful pocket-like flowers in the spring, and a universal favorite for decorating the greenhouse or conservatory. This strain was grown for us by a celebrated Scotch specialist, and is considered the finest in cultivation; flowers beautifully spotted and blotched in exceedingly rich and varied colors; of perfect form and fine substance; the habit of the plants dwarf and compact and very free-flowering..... PER PKT. 50



CERASTIUM TOMENTOSUM

CERASTIUM

(Snow in Summer)

1911 **Tomentosum.** A very pretty dwarf, white-leaved edging plant, bearing small white flowers; hardy perennial..... 15

CALENDULA (Pot Marigold)

One of the best and showiest free-flowering hardy annuals, growing in any good garden soil, can be sown any time during the summer, producing a fine effect in beds or mixed borders, particularly bright in late fall; valuable also for pot culture; blooming freely in winter and early spring; 1 foot.

1682 **Orange King.** Very large and double bright orange-red, dark eye, an extra fine strain, with flowers averaging over 3 inches across. Oz., 40 cts..... 5

1686 **Lemon King.** Very large and extremely double flowers of a pleasing rich lemon-yellow, dark eye. Oz., 40 cts..... 5

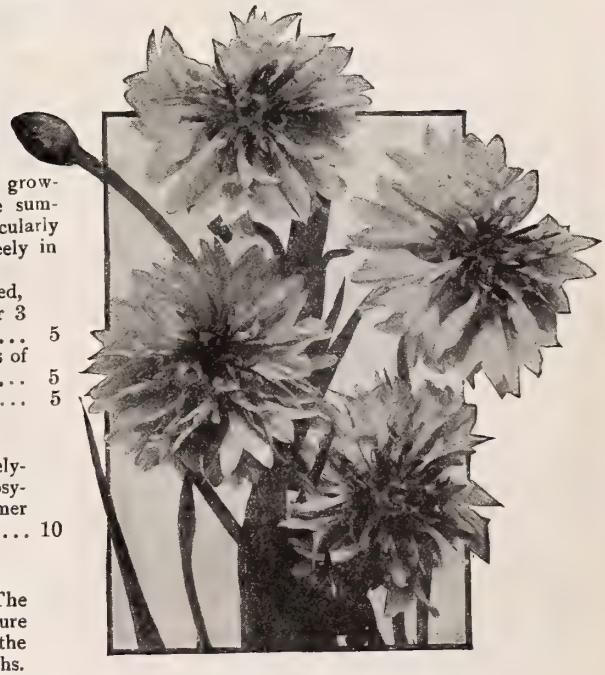
1690 **Mixed.** All double sorts. Oz., 25 cts..... 5

CALLIRHOE (Poppy Mallow)

1716 **Involucrata.** An elegant hardy trailing plant, with finely-divided foliage and large, saucer-shaped flowers of bright rosy-crimson, with white centres, which are produced all summer and fall..... 10

CANDYTUFT

1753 **Giant Hyacinth-flowered or Improved Empress.** The finest of all the white varieties, being a complete mass of pure white flowers, in a pyramid of bloom. Seed sown during the summer gives a fine crop of flowers through the fall months. Per ½ oz., 35 cts.; oz., 60 cts..... 10



DOUBLE BLUE CORNFLOWER

CEPHALARIA (Roundheads)

Per Pkt.

1907 **Alpina.** A hardy perennial which when fully established attains a height of 6 feet, bearing in June and July delicate sulphur yellow flowers, not unlike the flowers of Scabiosa..... 10

CHRYSANTHEMUM (Shasta and Moonpenny Daisies)

1946 **Maximum King Edward VII** (*Moonpenny Daisy*). Considered the finest of all, with flowers of extraordinary size, of purest white, perfect form, and exceedingly free-flowering. A splendid addition to this useful hardy perennial. ¼ oz., 30 cts.. 10

1948 **Shasta Daisy Alaska.** A splendid hardy perennial variety with flowers rarely less than 5 inches across, of the purest glistening white, with broad overlapping petals, and borne on long strong stems, a beautiful cut flower, remaining in good condition a week or more. 5 pkts., $1.00..... 25

1950 **Shasta Daisy Mixed.** A general mixture saved from a large number of extra choice hybrids, and certain to produce a large number of varieties of great merit. 2 pkts., 25 cts..... 15

Coreopsis Lanceolata Grandiflora

COREOPSIS

2071 **Lanceolata Grandiflora.** This is one of the finest of hardy plants, with large, showy bright yellow flowers, produced in the greatest abundance from June till frost. As a cut flower they stand near the head among hardy plants, having long stems and lasting in good condition a week or more. Easily grown from seed, flowering the first year if sown early. (See cut.) ¼ oz., 25 cts..... 10

Cineraria Dreer's Prize Dwarf.

CINERARIA HYBRIDA

Beautiful flowering plants for the house or conservatory during the spring months.

Seed should be sown from May to September for succession. Where only one sowing is made, July should be preferred. Cinerarias grow so freely that the seedlings may go straight from the seed-pans to thumb-pots. After transplanting, place in a cold frame facing north, if possible. When the pots become full of roots, shift into larger ones till the flowering size is reached. Our prize strain is justly celebrated for all good qualities, being especially noted for size, coloring and texture.

Per Pkt.

1963 **Dreer's Prize Dwarf.** Dwarf compact plants not over a foot high with immense heads of large individual flowers in a great range of beautiful colors..... 50

1964 **Dreer's Prize Tall.** Of taller growth than the above with flowers of extraordinary size..... 50

1961 **Matador.** The new large-flowering scarlet, which adds considerable life and brilliancy to a collection..... 50

1966 **Stellata** (*Star Cineraria*), A charming variety, with large spreading panicles of starry flowers in the same variety of colors as the ordinary Cineraria; the extreme grace and elegance of the plant and flowers make them wonderfully effective for the decoration of the house and conservatory, and especially so for church decoration; also useful for cutting..... 25

Chrysanthemum Maximum King Edward VII

COWSLIP (Primula Veris)

2110 **Mixed.** A beautiful hardy spring-flowering perennial; flowers of different colors, such as yellow, brown edged yellow, etc. Very fragrant; 6 inches..... 15

2112 **Invincible Giant.** Quite distinct from the ordinary Cowslip, both in the stronger growth of the plant and in the massive flowers, which are borne on stout stems 12 to 15 inches high. The colors range from pure yellow and orange to the deepest scarlet and crimson. 5 pkts., $1 00 25

GIANT CYCLAMEN

CYCLAMEN

Charming house-plants, with beautiful foliage and rich-colored, fragrant, flowers; universal favorites for winter and spring blooming. The Giant varieties have large leaves and stout flower stalks, throwing the flowers well above the foliage. Seeds may be sown any time during the summer or autumn.

PER PKT.

2120 **Persicum.** A very fine strain, not so large but easier to grow than the Giants; mixed colors. Per 100 seeds, $1.00..... 15

2122 **Giant Salmon.** Very bright..... 50

2125 — **Pure White**..... 25

2126 — **White** with carmine eye..... 25

2127 — **Dark Blood-red**..... 25

2128 — **Delicate rose** with deep crimson eye..... 25

2130 — **Finest Mixed.** Saved from a superb collection. Per 100 seeds, $2.00..... 25

2123 **Butterfly.** In this type the edges of the flowers are beautifully fringed or waved; for house or conservatory decoration they are of surpassing beauty. Mixed colors..... 50

DELPHINIUMS or HARDY LARKSPURS

Sow the seeds in early spring indoors or in hot beds in shallow boxes. When the seedlings are about three-quarters of an inch high, transplant to flats three or four inches apart each way, transferring them to the open ground when the weather is suitable.

Spring-sown plants bloom in July and August. They take up very little room, for they may be planted 6 or 8 inches apart the first season. The following spring the choicer ones may be planted in permanent quarters in groups of three or more, or in large groups in the shrubbery border, or to the rear of hardy perennials, two or three feet apart. In two or three years they should be taken out, the beds heavily manured. the plants reset and more room given each plant.

They can also be sown in the open ground in spring, but would not likely flower until the second year. PER PKT.

2240 **Gold Medal Hybrids.** This is one of our most important specialties, and is unquestionably the finest strain of mixed hybrids ever offered. The original stock came from England, and consisted of the best named varieties. The plants are of strong, vigorous habit, with large flowers on spikes two feet and over long, the majority running in the lighter shades of blue. ¼ oz., 50 cts 15

2218 **Belladonna** (*Everblooming Hardy Larkspur*). This is the freest and most continuous blooming Hardy Larkspur. The clear turquoise blue of its flowers is not equalled for delicacy and beauty. A really exquisite variety. 5 pkts., $1.00..... 25

2221 **Bellamosum.** This is a rich, deep blue form of the popular light blue Belladonna, having the same free-blooming and other good qualities..... 25

2242 **Chinense** (*Blue Butterfly*). A distinct and neat variety growing about 18 inches high, with fine feathery foliage, and producing freely spikes of large blossoms of intense gentian-blue. ¼ oz., 30 cts..... 10

2241 — **Album.** The white flowered form. ¼ oz., 30 cts. 10

2246 **Formosum.** Beautiful spikes of rich blue flowers, with a white centre, 2½ feet. ¼ oz., 75 cts. 10

2238 **Double Hybrids.** Finest double flowering mixed in great variety of charming colors. ¼ oz., 75 cts... 15

DREER'S GOLD MEDAL HYBRID DELPHINIUM

HARDY GARDEN PINKS

(Dianthus Plumarius, etc.)

These varieties are well adapted for beds and borders; delightful, refreshing, spicy odor; should be in every garden where cut flowers are wanted, and make a fine edging to a hardy border.

PER PKT.

2335 **Cæsius** (*Cheddar Pink*). A splendid rock plant, forming dense tufts 3 inches high and bright rosy-pink flowers in May and June 15

2340 **Plumarius** (*Grass Pink, Scotch Pink, or Pheasant-eye Pink*). A beautiful single hardy Pink, with fringed edged flowers of various colors. ¼ oz., 50 cts. 10

2337 **Plumarius Fl. Pl.** (*Double Hardy Garden Pinks*). Double and semi-double varieties in beautiful colors. ¼ oz., 75 cts. 15

2336 **Plumarius Semperflorens** (*Everblooming Hardy Garden Pinks*). Very beautiful, sweet-scented, double, semi-double and single flowers in great diversity of color. 25

2342 **Latifolius Atrococcineus Fl. Pl.** (*Everblooming Hybrid Sweet William*). This is a cross between an annual pink and Sweet William, combining the free and continuous blooming qualities of the former with the hardiness of the latter; in color an intense velvety crimson scarlet 15

2343 **Latifolius Double Mixed.** In addition to the brilliant crimson scarlet sort offered above, this mixture contains purple, violet and rose 10

HARDY GARDEN PINKS

DIGITALIS (Foxglove)

DIGITALIS (Foxglove)

Handsome and highly ornamental hardy plants of stately growth, succeeding under almost all conditions, and with but little attention will give a wealth of flowers during June and July. They are now used extensively with good effect for naturalizing in shrubberies, the edge of woods and other half-shady places; 3 to 5 feet.

Gloxinæflora. This is a fine strain of the ordinary Foxglove *D. purpurea*, with handsome spotted Gloxinia-like flowers on long spikes. PER PKT.

2356—**Purple.** ¼ oz., 40 cts. ..... 10 | 2358—**White.** ¼ oz., 40 cts. 10
2357—**Rose.** ¼ oz., 40 cts. ..... 10 | 2360—**Mixed.** All colors. ¼ oz. 30 cts. 10

2366 **Grandiflora.** Light yellow flowers in good spikes 10

2367 **Maculata Superba.** An extra choice strain of beautifully spotted sorts. ¼ oz., 30 cts. 10

2370 **Monstrosa** (*Mammoth Foxglove*). Long spikes surmounted by one enormous flower; very odd; all colors mixed. ¼ oz., 40 cts. 10

2371 **Lanata.** A distinct species, producing dense spikes, 2 to 3 feet high, of odd looking flowers; the corolla being gray, the lip creamy white 10

ECHINOPS (Globe Thistle)

2404 **Ritro.** Striking hardy perennial plants, with handsome silvery thistle-like foliage and fine steel-blue flowers in round heads, which can be used for cutting. Excellent for the back of the hardy border among other tall plants; 3 to 5 feet 10

ERYNGIUM (Sea Holly)

2421 **Amethystinum.** Handsome ornamental hardy plants, growing 2 to 3 feet high, with finely cut, spiny foliage and beautiful thistle-like heads of amethystine-blue; fine for winter bouquets 15

EUPATORIUM (Thorough Wort)

Strong growing hardy perennials, well suited for naturalizing, and deserve a place in every hardy border; they will grow and thrive in almost any situation.

2442 **Ageratoides.** A very useful variety, growing 3 to 4 feet high, with dense heads of minute white flowers from August to October 10

2443 **Cœlestinum.** One of the best blue perennials, 18 to 24 inches high, and bears from August till frost an abundance of deep lavender-blue, flossy flowers, splendid for cutting 15

2441 **Fraseri.** A very pretty dwarf variety, producing clusters of snow-white flowers; fine for cutting and bouquets, 1½ feet 10

GAILLARDIA (Blanket Flower)

The following are among the showiest and most effective hardy perennial plants, and should find a place in every hardy border. They thrive in almost any position or soil, require little or no protection and take care of themselves. Fine for cutting. PER PKT.

2502 **Grandiflora Compacta.** A compact variety, forming bushy plants 12 to 15 inches high, and bearing its long-stemmed flowers well above the foliage. In coloring the flowers are as rich and varied as those of the tall growing sort..... 15

2510 **Grandiflora Superb Mixed.** Our own saving; splendid combinations of crimson and gold in great variety; 2 feet. ¼ oz., 30 cts..... 10

GEUM (Avens)

2541 **Atrosanguineum Fl. Pl.** Beautiful hardy perennial, bearing profusely large, showy double dark-crimson flowers all through the summer; an elegant flower for bouquets. ¼ oz., 40 cts..... 10

2542 **Mrs. Bradshaw.** Large double brilliant orange scarlet; in flower throughout the entire summer..... 15

GOLDEN ROD (Solidago Canadensis)

2601 The well-known golden-yellow favorite; hardy perennial; 2 to 5 feet..... 10

GYSOPHILA (Baby's Breath)

Pretty free-flowering elegant plants, succeeding in any garden soil. Their misty panicles of bloom are largely used for mixing with other cut flowers.

2691 **Elegans alba grandiflora.** This is an improved, large-flowering pure white form of the annual Baby's Breath, of free, easy growth. Can be sown at any time through the summer and a crop of flowers picked in a few weeks' time. Per oz., 25 cts..... 5

2690 **Elegans Delicate Pink.** A pretty blush pink form of the above and equally as valuable for cutting. Per oz., 30 cts..... 5

2694 **Paniculata.** White misty flowers, fine for bouquets; one of the favorite hardy perennials. ¼ oz., 25 cts... 5

2695 **Paniculata Fl. Pl.** The new double-flowering Baby's Breath, and one of the finest hardy plants either for cutting or the hardy border. 3 pkts. for 50 cts..... 20

GAILLARDIA GRANDIFLORA

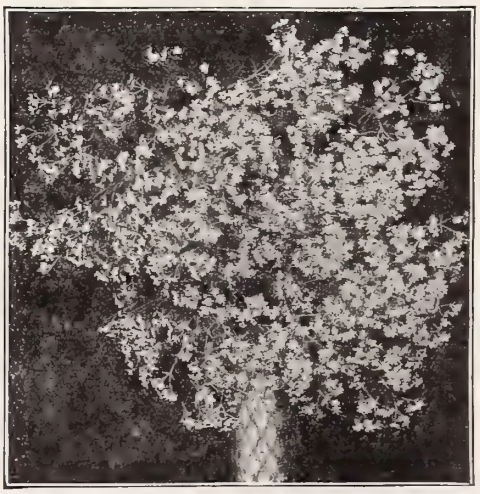
GREVILLEA (Silk Oak)

PER PKT.

2681 **Robusta.** A very beautiful and graceful decorative plant with fern-like foliage; excellent for table decoration; easily raised from seed, producing good sized plants in a short time; hardy in Florida and California, where it is popular as an ornamental tree..... 10

HELENIUM (Sneeze Wort)

2711 **Autumnale Superbum.** Strong growing hardy perennial, succeeding in any soil, and useful in the hardy border, giving an enormous crop of golden-yellow flowers in late summer; 5 to 6 feet..... 10



GYPSOPHILA PANICULATA

HELIANTHEMUM (Rock, or Sun Rose)

2717 **Mutabile.** Exceedingly pretty low growing evergreen plants, forming broad clumps, and which during their flowering season, July to September, are quite hidden by a mass of bloom; well adapted for the front of the border, the rockery, or a dry, sunny bank. Choice mixed varieties..... 15

HELIANTHUS (Hardy Perennial Sunflowers)

2710 **Mixed.** Contains the finest single-flowering hardy perennial sorts. As subjects for the hardy border as well as for cutting they are of great value..... 15

HELIOPSIS (Orange Sunflower)

2731 **Pitcheriana.** A desirable hardy herbaceous plant, growing from 3 to 4 feet high, beginning to flower early in the season, and continuing the entire summer. The flowers are of a beautiful deep golden-yellow color about 2 inches in diameter; of very thick texture and very graceful for cutting..... 10

2732 **Scabra Zinniæflora.** A new double flowering form bearing golden-yellow Zinnia-like flowers. In addition to being a very showy plant in the hardy border, it is one of the best perennial plants for cutting. 2 pkts., 25 cts..... 15

New Giant-flowering Marshmallow

HIBISCUS (Marshmallow)

Showy ornamental perennial plants for mixed beds or shrubbery borders, having large-sized beautifully colored flowers. PER PKT.

2774 **Moscheutos.** Rosy-pink flowers..... 10

2773 **Giant Yellow, or Golden-Bowl.** Flowers from 6 to 9 inches diameter; of a rich deep cream, with a velvety-maroon centre..... 10

2775 **New Giant.** A wonderfully improved form of our native marshmallow, in which flowers of enormous size, frequently 10 to 12 inches in diameter, have been developed. The colorings comprise rich dark red, soft mallow-pink and pure white; the plants grow from 5 to 8 feet high and are very floriferous, blooming from early in July until late in autumn; and are perfectly hardy. The seed we offer has been saved from our own plants. Per ¼ oz., 30 cts..... 10

IRIS (Flowering Flag)

2890 **Kæmpferi** (*Japanese Iris*). The seeds we offer have been saved from our own unrivalled collection, and should produce only varieties of the highest merit. Blooms the second year from seed. ¼ oz. 25 cts..... 10

HOLLYHOCK

One of the most majestic of hardy plants, and a clump or line in any garden gives an effect not attainable with any other plant. For planting among shrubbery or forming a background for other flowers, it is without equal.

DOUBLE VARIETIES

The seed offered under this head has been saved from the finest double flowers only, and is sure to produce satisfactory results.

	PER ¼ OZ.	PER PKT.		PER ¼ OZ.	PER PKT.
2782 **Maroon**.....	40	10	2785 **Salmon-rose**	40	10
2783 **Bright Rose**.	40	10	2786 **White**.....	40	10
2784 **Bright Red**..	40	10	2787 **Yellow**.....	40	10

2790 **Extra Choice Double Mixed.** Contains all the colors. 30 cts. per ¼ oz.; $1.00 per oz..... 10

2788 **Collection** of a packet each of the above 6 colors..... 50

2781 **"Allegheny."** Mammoth flowers, wonderfully formed of loosely arranged fringed petals, which look as if made from the finest China silk. The colors vary from the palest shrimp-pink to deep red. The plants are of strong growth, sending up spikes 6 to 7 feet high. 30 cts. per ¼ oz.; $1.00 per oz..... 10

2791 **Newport Pink.** One of our own introductions, and awarded a Certificate of Merit by the Royal Horticultural Society of England, an unusual honor. It is the finest pure pink, double variety, exquisite in shade, flowers very double..... 15

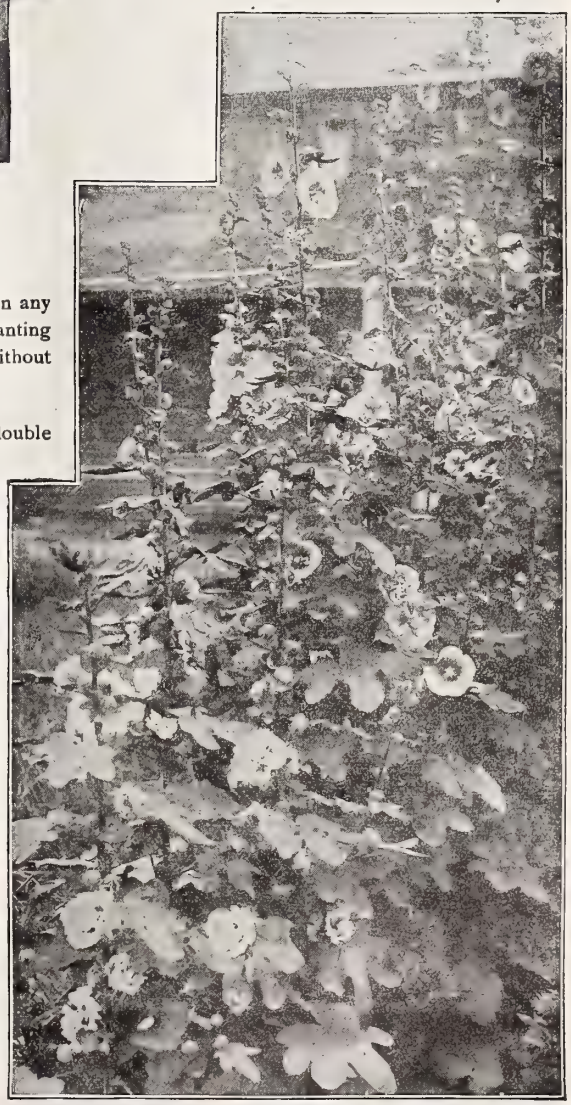
SINGLE VARIETIES

2800 **Mixed.** Many prefer the single-flowering Hollyhocks. They are usually of freer growth than the doubles, and present a very handsome appearance when covered with their artistic blossoms. Per ¼ oz., 30 cts..... 10

IBERIS (Hardy Candytuft)

2824 **Gibraltarica Hybrida.** White shading to lilac..... 10

2825 **Sempervirens.** A profuse white-blooming, hardy perennial, coming in flower early in the spring; much used for cemeteries, rockeries, etc.; 1 foot..... 15



Group of Single Hollyhocks

LUPINUS POLYPHYLLUS (Hardy Lupine)

LUPINUS (Lupine)

Polyphyllus Sorts. Effective hardy perennials, succeeding in any good garden soil; blooms in May and June; 3 feet. We offer as under:

	PER PKT.		PER PKT.
3052 **Rose**	10	3054 **Blue**	10
3053 **White**	10	3055 **Moerheimi.** Roseandpink	15

A packet each of the above 4 colors, 35 cts.

3058 **Mixed.** All colors. Oz., 30 cts. 5

NEW HYBRID HARDY LUPINES

3060 These are the result of many years of careful crossing and selecting by a celebrated English specialist, and in addition to the usual blue, white and rose colors, contain many unusual lilac, pink, purple, yellow and other tints. This strain received an Award of Merit from the Royal Horticultural Society of England. 25 cts. per pkt.; 5 pkts. for $1.00.

LYCHNIS

(Rose Campion, Jerusalem Cross)

Handsome hardy perennial plants of easy culture, for massing in beds and borders; blooming the first year if sown early.

3061 **Chalcedonica.** Fine scarlet flowers; 2 feet. ¼ oz., 25 cts. 5

3062 **Haageana.** Brilliant orange, scarlet, crimson, etc.; in mixture; 1 foot 15

3068 **Viscaria Splendens.** Bright rose-red, very showy. 1 foot 10

MATRICARIA

3121 **Capensis Alba Plena** (*Double White Feverfew*). Free-flowering plants, producing all season fine double white flowers. A fine bedding or pot plant; 18 inches 10

MATRICARIA

LATHYRUS

(Everlasting, or Hardy Sweet Pea)

Showy, free-flowering hardy perennial climbers for covering old stumps, fences, etc., continually in bloom; fine for cutting.

PER PKT.

2954 **Latifolius "White Pearl."** The finest white variety 15

2960 — **Mixed.** All colors. Per oz., 50 cts. 10

LAVENDER (Lavandula Vera)

2971 Well-known, sweet scented, hardy perennials, should be extensively grown in the mixed border; 3 feet. ¼ oz., 25 cts. 10

LIATRIS (Blazing Star, or Gay Feather)

2982 Most showy and attractive hardy perennial native plants, with long spikes of purple and rosy purple flowers from July to September; 3 to 4 feet; mixed varieties 10

LINARIA

2991 **Cymbalaria** (*Kenilworth Ivy, or Mother of Thousands*). Lavender and purple. A charming, neat, hardy perennial trailing plant, suitable for baskets, vases, pots and rock work 15

LINUM (Flax)

3003 **Perenne.** Hardy perennial variety, with bright blue flowers; 18 inches. ¼ oz., 25 cts. 10

LOBELIA

3031 **Cardinalis** (*Cardinal Flower*). A native variety, with spikes of brilliant scarlet flowers; fine hardy border plants; 3 feet 15

LYTHRUM (Loose-strife)

3071 **Roseum Superbum.** A very pretty hardy perennial; grows about 3 feet high, and produces spikes of rosy flowers from July to September 10

LYCHNIS CHALCEDONICA

MARIGOLD

These favorite free flowering annuals can be sown up to the end of July and will give a good crop of flowers within 8 weeks.

3088 **Collection Double African.** Containing a packet each of 6 fine varieties, 50 cts. PER PKT.

3090 **Double African Mixed.** Containing all of the colors; 2 to 3 feet. Per ¼ oz., 25 cts. 5

3098 **Collection Double French.** Containing a packet each of 6 beautiful varieties, 40 cts.

3100 **French Mixed.** A splendid mixture saved from fine double flowers; all colors. Per ¼ oz., 25 cts. 5

MIGNONETTE (Reseda)

A well-known fragrant favorite, and no garden is complete without a bed of Mignonette; sowing made in April and again in July will keep up a succession from early summer until frost; can also be grown in pots for winter and early spring flowering.

3152 **Defiance.** When grown under favorable conditions spikes will not only be of remarkable size—from 12 to 15 inches long—but deliciously fragrant. The individual florets are of immense size, forming a graceful as well as compact spike. Of extraordinary keeping qualities, retaining their grace and fragrance until every bud opens. ¼ oz., 25 cts. 10

3153 **Golden Machet.** Distinct variety of Machet, with massive spikes of golden-yellow blossoms. ¼ oz., 25 cts. 10

3154 **Goliath.** Of strong, yet compact habit, with rich green foliage; the giant trusses of flowers being borne on erect, strong, stiff stalks, and surpassing all others in brilliancy of color; especially suited for house culture. ¼ oz., 50 cts. 15

3158 **Machet.** Of dwarf pyramidal growth, bearing numerous flower stalks, highly colored and very fragrant; one of the best. ¼ oz., 25 cts. 10

3162 **Salmon Queen.** Strong, robust habit, with fine spikes of bright salmon-red flowers, intensely fragrant; fine for outdoor culture. ¼ oz., 25 cts. 10

3164 **White Goliath.** This splendid white variety has the same massive spikes of bloom as the red sort. ¼ oz., 50 cts. 15

3163 **Sweet-scented** (*Reseda Odorata*). The old variety with small spikes, but very sweetly scented. Per oz., 20 cts. 5

3169 **Collection** of above 7 varieties of Mignonette 60

MYOSOTIS (Forget-Me-Not)

MYOSOTIS (Forget-Me-Not)

Few spring flowers are more admired than the lovely Forget Me-Nots, which are especially effective when grown in masses. Perennials and hardy if given slight protection through the winter. Seed may be sown any time during the summer. The Alpestris varieties and Dissitiflora come into bloom in April, and are largely used for bedding or borders in connection with spring-flowering bulbs, Pansies, etc. The Palustris sorts do not bloom till May, but continue till fall. PER PKT.

3231 **Alpestris Royal Blue.** Rich indigo-blue flowers. The finest and most effective dark blue variety; 9 inches. ¼ oz., 40 cts. 10

3233 — **Robusta Grandiflora.** Of strong, sturdy growth, about 10 inches high, with good heads of clear Forget-Me-Not blue flowers. ¼ oz., 40 cts. 10

3235 — **Victoria.** A favorite sort, with fine heads of large, clear, azure-blue flowers; plants bushy and compact; makes a fine edging or bed 10

3239 — **Mixed.** A mixture of blue, rose and white-flowered varieties. Per ¼ oz., 30 cts. 5

3236 **Dissitiflora.** Of dwarf, compact habit, with sprays of large, exquisite blue flowers, especially adapted for planting among spring-flowering bulbs 15

3238 **Palustris Semperflorens.** An everblooming variety, beginning to flower in May and continuing till autumn. Large, clear, blue flowers in pretty sprays. 2 pkts. for 25 cts. 15

NEMESIA DWARF LARGE-FLOWERING

NEMESIA

3401 **Dwarf Large-flowering Hybrids.** A very pretty annual, which does best in a cool position; the plants grow about a foot high, and the orchid-like flowers are very varied in color, including rose, yellow, blue, orange, etc. 2 pkts., 25 cts. 15

ŒNOTHERA (Evening Primrose)

The evening Primroses are elegant hardy plants for growing in an exposed sunny position, either in the border or on the rockery, blooming the greater part of the summer.

3435 **Missouriensis.** Large golden-yellow flowers. 1 foot 10

3437 **Speciosa.** Pure white flowers 3 inches across; 18 inches 10

DREER'S PERFECT PANSIES

We offer on page 18 a splendid selection of the best Pansies. Sown before the end of September will bloom profusely next spring.

Typical Flower of Dreer's Royal Exhibition Pansy

Dreer's Perfect Pansies

PANSIES are too well known to require any description as they are favorites with all. For best results you must start with a good strain. The finest Pansies are, as a rule, shy seeders, which accounts for the difference in the price of the various mixtures offered.

Miss Ida D. Bennett, the well-known horticultural author and enthusiastic admirer of Pansies, writes the following notes on their culture expressly for this book:

"Pansy seed germinates and the plants grow more freely in the cool, early days of spring, and for summer-blooming should be sown by the latter part of April, or early in May, in the vicinity of Philadelphia. A soil containing a proportion of leaf mould, well enriched with well-decayed cow manure, will be the most satisfactory for the growing of this flower, and it should be well dug and made fine and level.

"Sow the seeds in drills, covering them not more than four times their diameter and firming the soil well above them. The seeds germinate in from eight to twelve days, and should not be allowed to dry out during this period. Covering the seed bed with newspapers will prevent this and hasten somewhat the period of germination.

"As soon as the plants are up and large enough to handle, they should be thinned out or transplanted to stand nine inches apart in the rows. Thorough cultivation should be given from the start, as Pansies will not thrive when obliged to share the beds with a mass of weeds.

"It is a mistake to plant Pansies in the shade of a tree or buildings. An open exposure, where the wind has a free sweep over the bed is far better, and Pansies so planted are free from the long, straggling branches which produce few and inferior flowers. During dry weather the bed should be watered daily, and in extreme cases twice a day for the best results.

"Seed sown in April or May will produce blooming plants by the last of June, which will give an abundance of flowers throughout the remainder of the season. About the middle of August is the best time for starting Pansy seeds for early spring blooming, as this allows the plants to go into winter in vigorous condition."

PANSIES IN MIXTURE

PER PKT.

3510 **Dreer's Royal Exhibition.** This strain comprises a beautiful collection of colors and markings and is our finest mixture, both as regards size, texture and colorings. Special packets of 2000 seeds, $1.50; regular packet 50

3514 **Dreer's Premium.** This mixture comprises a large number of colorings and is intended to supply the want of a first-class mixture at a moderate price. ⅛ oz., $1.00 25

3516 **Masterpiece** (*Frilled Pansy*). A remarkable type, each petal being conspicuously curled or waved. The range of color is very extensive; the rich, dark, velvety shades predominating. ⅛ oz., $1.00 25

3500 **Giant Trimardeau.** All colors. Per ¼ oz., $1.00.. 10

PER PKT.

3512 **Cassier's Giant.** A grand mixture of the finest blotched varieties; splendid in every way, being large in size and rich in coloring. ⅛ oz., $1.00 25

3517 **Mme. Perret.** A new and beautiful strain; originated with a French specialist; flowers of large size, borne very freely in great diversity of colors, especially rich in red and wine shades. The stock we offer comes direct from the introducer. ⅛ oz., 75 cts. 25

3513 **Giant Parisian.** Of very large size and containing a great many fancy colors. ⅛ oz., 75 cts. 15

3515 **English Finest Mixed.** ¼ oz., $1.00 10

3520 **Good Mixed.** All colors. ¼ oz., 75 cts. 5

GIANT TRIMARDEAU PANSIES

We have discarded the ordinary Pansies in separate colors in favor of this type which produces very large flowers, plants of strong, robust growth and well adapted to the trying conditions of our climate.

PER PKT.

3488 **Giant Golden Queen.** Pure, rich yellow 15

3493 **Giant Royal Purple.** Rich, royal blue 15

3491 **Giant Lord Beaconsfield.** Deep purple violet, shading to white 15

PER PKT.

3496 **Giant Snow Queen.** Pure white, small yellow eye 15

3497 **Giant White.** Pure white, with purple eye 15

3498 **Giant Yellow.** Rich yellow, with dark centre.... 15

3499 **Collection** containing a packet each of above 6 sorts, 75 cts.

TUFTED PANSIES, OR VIOLAS

While the flowers of the Tufted Pansies are not so large as the regular type, yet they bloom so freely that they are superior to pansies where *effect* is wanted, the colors being particularly clear and distinct; they also bloom for a longer time. Seed sown in April produces flowering plants by June, and from then on until frost they are a sheet of bloom.

PER PKT.

4401 **Papilio** (*Butterfly Violet*). Lovely violet-lilac, with small, dark eye 15

4402 **Lutea Splendens.** Rich golden yellow 15

4403 **Blue Perfection.** Deep purplish blue 15

PER PKT.

4405 **White Perfection.** A fine pure white 15

4410 **Mixed.** A splendid mixture of the best varieties. ¼ oz., 75 cts. 10

PENTSTEMON (Beard Tongue)

Highly useful and attractive perennials in the hardy border.

PER PKT.

3532 **Gloxinioides "Sensation."** As a bedding plant this takes rank with the Petunia, Phlox, etc., etc. It grows about 2 feet high, every branch being a spike of large, Gloxinia-like flowers in a very wide range of bright colors, including rose, red, carmine, cherry, pink, lilac, purple, etc. 2 pkts., 25 cts. 15

3533 **Barbatus Torreyii.** Spikes of brilliant coral red, very effective; June to August; 3 to 4 feet 10

3540 **Mixed.** A great variety of kinds and colors 10

PENTSTEMON GLOXINIOIDES "SENSATION"

PHYSALIS

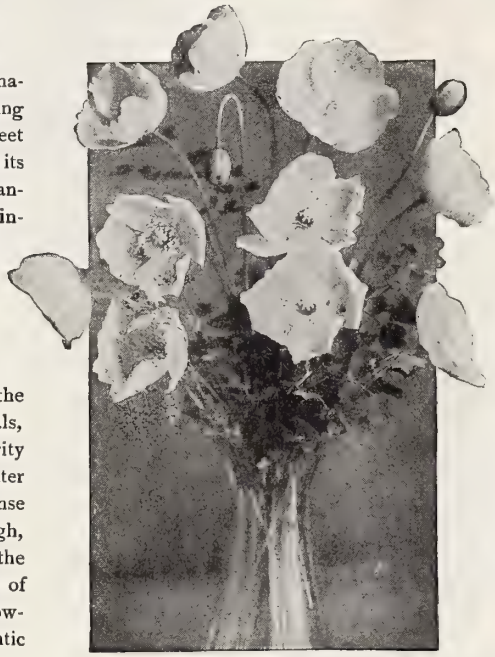
(Chinese Lantern Plant)

3646 **Francheti.** An ornamental plant, forming dense bushes about 2 feet high, producing freely its bright-orange-scarlet lantern-like fruits; highly interesting 10

Physostegia

(False Dragon Head)

3651 **Virginica.** One of the prettiest hardy perennials, and gaining in popularity as it becomes better known. It forms dense bushes, 3 to 4 feet high, bearing freely during the summer months spikes of delicate pink tubular flowers not unlike a gigantic heather 10



ICELAND POPPIES

Hardy Perennial Oriental Poppies

Oriental Poppies can be sown any time during the summer and early autumn. The plants disappear during July and August, appearing again as soon as the weather gets cool. When this fall growth starts is the time they should be transplanted to their permanent flowering quarters. It is well to mark the places they are planted with a stake to insure the roots against disturbance during their annual resting period.

PER PKT.

3747 **Orientale** (*The Large Oriental Poppy*). A charming summer-flowering hardy plant, producing numerous leafy stems about 2½ feet high, with large deep crimson flowers; having a conspicuous black blotch on each petal, exceedingly showy. ¼ oz., 30 cts. 10

3741 — **Oriflamme.** A gorgeous orange-scarlet; very large 15

3744 — **Princess Victoria.** A beautiful salmony-pink. 15

3750 **Oriental Mixed Hybrids.** Saved from a large number of named sorts, embracing all of the colors. ¼ oz., 50 cts. 15

ORIENTAL POPPY

ICELAND POPPIES (Papaver Nudicaule)

While these are hardy perennials, they flower the first year from seed, blooming almost as quickly as the annual sorts. They are of graceful neat habit, with bright green fernlike foliage, formed in tufts, from which issue slender stalks about 12 inches high, bearing their brilliant flowers in endless profusion; most useful for cutting, for which purpose pick when in bud, and, if the seed pods are picked off, continue in flower the entire season. They remain evergreen throughout the winter, coming into bloom early the following spring.

3733 **Bright Yellow** 10

3734 **Pure White** 10

3736 **Orange Scarlet** 10

3740 **Finest Mixed.** All colors. ¼ oz., 40 cts. 10

3738 **New Hybrid Iceland.** The latest development in this lovely species, varying in color from sulphur yellow through different shades of orange to chamois and salmony-rose, some of which are very striking 15

PLATYCODON (Balloon Flower, or Japanese Bellflower)

One of the best hardy perennials, producing very showy flowers during the whole season. They form large clumps, and are excellent for planting in permanent borders or among shrubbery; easily raised from seed.

PER PKT.

3663 **Grandiflorum.** Large steel blue flowers. ¼ oz., 40 cts. 10

3664 — **Album.** Pure white variety 10

3662 **Mariesi.** Large, open, bell-shaped flowers of a rich violet-blue; plant dwarf and compact. ¼ oz., 50 cts. 10

3661 **Japonicus Fl. Pl.** (*Double Japanese Bellflower*). Large, glossy deep-blue flowers. The inner petals alternate with the outer ones, giving the flower the appearance of a ten-pointed blue star. 2 pkts., 25 cts. 15

POLEMONIUM (Jacob's Ladder)

3671 **Cœruleum.** Popular hardy perennial border plant, with bell-shaped bluish-purple flowers nearly 1 inch across; 2 feet; May to July 10

POLYANTHUS (Primula Elatior)

Showy, early spring, free-flowering plants, fine for either pot or outdoor culture; hardy perennials; 9 inches.

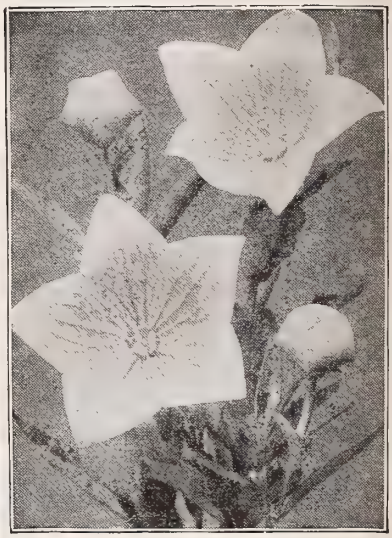
3677 **Invincible Giant.** Undoubtedly the finest strain in cultivation, containing all colors from purest white to the richest crimson. 5 pkts., $1.00 25

3680 **English Mixed.** A fine grade; all colors 10

DREER'S PERFECT PANSIES

To have a glorious show of these lovely flowers next spring you should sow the seed this summer. See list on page 18.

POLEMONIUM



PLATYCODON GRANDIFLORUM

POTENTILLA (Cinquifoil)

Charming hardy perennial plants for the border, with brilliant single or double flowers, mostly in orange, red and crimson tones, that are produced in profusion from June to August; succeeds in any soil; 18 inches.

PER PKT.

3775 **Double Hybrids.** All colors 25

3776 **Single Hybrids.** Many colors 15

PUERARIA (Japanese Kudzu Vine)

3835 **Thunbergiana.** To this must be awarded first place as the fastest growing hardy climbing plant. It will grow 8 to 10 feet the first year from seed, and after it has become established there seems to be no limit to its growth, 50 feet in a single season being not unusual. Its foliage is large and covers well; it bears small racemes of rosy-purple, pea-shaped blossoms towards the close of August. A splendid subject for covering permanently verandas, dead trees, etc. 10

PYRETHRUM HYBRIDUM

PYRETHRUM

Too much cannot be said in favor of this grand hardy perennial, which will thrive in any good garden soil where there is good drainage and full exposure to the sun.

3846 **Hybridum Single Mixed.** Hardy perennial, bearing large Daisy or Cosmos-like flowers, ranging in color from white to deep red, with bright yellow centers; blooms in May and June, and again in the fall; and is one of the most graceful and long-lasting cut flowers. Per ¼ oz., 75 cts. 10

3847 **Hybridum Grandiflorum.** A large flowering form of the above; mixed colors 15

3845 **Hybridum Fl. Pl.** Seed saved from the finest double flowers; only a small percentage can be expected to come double the first year; mixed colors; 1½ feet 25

3851 **Uliginosum** (*Giant Daisy*). A fine hardy perennial; grows 3 to 4 feet high, and from July to September is literally hidden beneath the multitude of large white daisy-like flowers 15

PRIMULA OBCONICA GRANDIFLORA

PRIMULA OBCONICA

These are of the easiest culture in greenhouse or light window of dwelling house, flowering abundantly and continuously with little care, and should be sown in good porous loam. They will not germinate well in any compost containing peat or leaf mould. To develop the colors to the highest degree, grow in heavy soil, and at a temperature as near 60 degrees as possible. The Grandiflora varieties are the freest flowering, but lack the very large individual blooms of the newer Gigantea type.

PER PKT.

3811 **Obconica Gigantea Kermesina.** Rich crimson.. 25
3812 — — **Rosea.** Pure rose color..... 25
3815 — — **Mixed.** All colors..... 20
3816 — **Grandiflora alba.** Pure white..... 20
3817 — — **Kermesina.** Bright crimson..... 20
3818 — — **Rosea.** Beautiful clear rose..... 20
3819 — — **Appleblossom.** Soft pink..... 20
3820 — — **Mixed.** All colors..... 15

VARIOUS PRIMROSES

3824 **Kewensis.** This variety is most attractive, with pleasing bright yellow flowers borne on long stems. It is delightfully fragrant and stands well as a house plant..... 25
3826 **Malacoides** (*Improved Baby Primrose*), A fine house plant, flowers delicate lilac..... 25
3827 — **Alba.** A new white-flowering form..... 25
3828 — **Rose.** A beautiful bright rose variety..... 25

HARDY PRIMROSES

These are among the best of the early spring-blooming plants. With a slight protection they will stand the winter, but will do better if protected by a cold frame.

1500 **Auricula.** A well-known favorite of great beauty; seed saved from splendid choice-mixed varieties; 6 inches.. 25
3825 **Japonica** (*Japanese Primrose*). Bright and showy flowers; borne in whorls on stems 6 to 9 inches long; mixed colors..... 15

Veris. See Cowslip, page 11.
— Elatior. See Polyanthus, page 20.

PRIMULA (Primrose)

The charming and beautiful Chinese fringed Primroses and Obconica varieties are indispensable for winter or spring decorations in the home or conservatory. They are one of the most important winter-blooming pot plants. The seed we offer is of the highest merit, and has, as usual, been saved from the best strains obtainable. Florists and others report that they have never seen finer flowers than those produced from our seed. Can be sown at any time through the summer. The hardy varieties offered are also deserving of wide cultivation.

FRINGED CHINESE PRIMROSES

PER PKT.

3782 **Alba Magnifica.** A magnificent pure white..... 25
3783 **Covent Garden Red.** A fine rosy-red 25
3785 **Covent Garden White.** A very free-flowering pure white.. 25
3786 **Crimson King.** Rich luminous crimson; very effective..... 50
3787 **Rosy Morn.** Beautiful delicate pink..... 50

PRIMULA MALACOIDES
(Improved Baby Primrose)

3791 **Giant Flowering.** This magnificent strain is quite distinct from the regular type, being of much more robust growth and producing immense trusses of extra large, finely fringed flowers in many new and novel colors; as a pot plant for the house or conservatory this is unequalled. 3 pkts. for $1.00..... 35

3800 **Dreer's Choicest Mixed.** This mixture contains nothing but the finest-fringed large-flowering sorts, and cannot fail to give entire satisfaction..... 25

LARGE-FLOWERING CHINESE PRIMROSE

SCHIZANTHUS (Butterfly or Fringe Flower)

SCHIZANTHUS (Butterfly or Fringe Flower)

This is one of the airiest and daintiest flowers imaginable. The seeds germinate quickly and come into bloom in a few weeks from sowing. The florescence is such as to completely obscure the foliage, making the plant a veritable pyramid of the most delicate and charming bloom. The Schizanthus make admirable pot plants for the house in late winter and early spring. For this purpose sow in the autumn.

PER PKT.

3967 **Dwarf Large-flowered.** A splendid type, forming compact pyramidal plants a foot high, literally covered with large, beautiful, orchid-like flowers in a bewildering range of color. ¼ oz., 50 cts. 15

3968 **Wisetonensis.** A variety largely used as a pot plant for the house or conservatory. It is remarkably free-flowering, and presents a beautiful appearance with its myriads of blooms, the ground color of which is white, dotted with delicate rose 25

SILENE (Catchfly)

The varieties offered below are very pretty hardy perennials, well adapted for the rockery or the front of the hardy border.

3977 **Alpestris.** Glistening white flowers in July and August. 4 in. 15

3978 **Schafta** (*Autumn Catchfly*). A charming border or rock plant, growing from 4 to 6 inches high, with masses of bright pink flowers from July to October 15

SMILAX

(Myrsiphyllum Asparagoides)

3981 In many respects Smilax is the most useful, and it is certainly one of the most graceful climbers which adorns the greenhouse or conservatory; for bouquets and floral decorations it is indispensable. ¼ oz., 30 cts. 10

SAPONARIA OCYMOIDES

RUDBECKIA

(Cone Flower)

PER PKT.

3902 **Newmani.** One of the finest of autumn-flowering perennials, bearing large flowers. Bright orange-yellow petals; surrounding a large black cone 15

3903 **Purpurea** (*Giant Purple Cone-Flower*). A most interesting hardy perennial, producing all summer large, showy reddish-purple flowers, about 4 inches across 10

SAPONARIA

(Bouncing Bet)

3939 **Caucasica flore pleno.** (*Double-flowering Bouncing Bet*). A hardy perennial sort with white tinted rose, double flowers, produced all summer and fall; 15 inches 10

3911 **Ocymoides.** Very showy hardy perennial rock plant, producing during the summer months masses of small, bright rose flowers; 9 inches 10

SCABIOSA

3942 **Japonica.** A hardy perennial variety from Japan, forming bushy plants, 2½ feet in height, and bearing on long, wiry stems beautiful, artistic, lavender-blue flowers; a fine cut flower. ⅛ oz., 25 cts... 10

RUDBECKIA NEWMANI

MAMMOTH BEAUTY STOCKS

A magnificent recently developed strain of early-flowering Winter or Brompton Stocks, forming much-branched plants about 2 feet high and having numerous spikes of very large, double, delightfully fragrant flowers; they are of special value as pot plants for greenhouse decoration and for cutting during the dull winter months; for this purpose seed should be sown from July to September.

PER PKT.

4043 **Beauty of Nice.** Delicate flesh-pink..... 15
4044 **Crimson King.** Rich blood-crimson..... 15
4045 **Mont Blanc.** Purest white..... 15
4046 **Monte Carlo.** Canary-yellow..... 15
4047 **Queen Alexandra.** Soft rosy-lilac..... 15
4048 **Summer Night.** Rich deep blue..... 15
4049 **Collection** of 6 colors..... 60
4050 **Choicest Mixed.** All colors. ⅛ oz., 75 cts..... 10

Stocks Mammoth Beauty

CUT-AND-COME-AGAIN STOCKS

Splendid perpetual-blooming class; they throw out numerous side branches, all bearing very double, fragrant flowers.

PER PKT.

4031 **Princess Alice.** White..... 15
4032 **La France.** Rose 15
4033 **Brilliant.** Blood-red..... 15
4034 **Sapphire.** Dark blue..... 15
4035 **Creole.** Creamy yellow..... 15
4036 **May Queen.** Delicate lilac..... 15
4040 **Finest Mixed.** All colors. ⅛ oz., 75 cts..... 10
4039 **Collection** of a packet each of the 6 colors..... 60

Stokesia (Cornflower Aster)

STATICE

(Sea Lavender)

Splendid hardy perennials, either for the border or rockery, producing all summer panicles of minute flowers, which can be dried and used for winter bouquets.

PER PKT.

3997 **Latifolia.** Purplish-blue flowers..... 10
4000 **Mixed.** Containing many sorts..... 10

STOKESIA

(Cornflower Aster)

4051 **Cyanea.** A beautiful hardy perennial. Grows about 24 inches high, bearing from 20 to 30 handsome lavender-blue cornflower-like blossoms; in bloom from July till frost. One of the choicest subjects for the hardy border, and indispensable for cutting. ¼ oz., 30 cts..... 10
4060 **Cyanea Mixed.** Containing many new colors. Per ¼ oz., 60 cts..... 15

Sweet Rocket

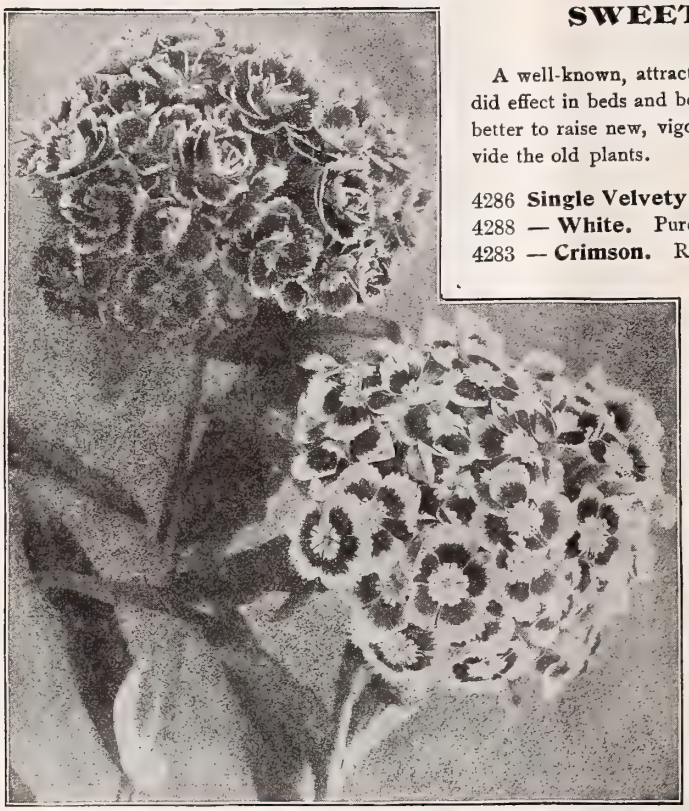
SWEET ROCKET

(Hesperis)

4280 Old fashioned garden plant; also known as Dame's Rocket and Dame's Violet; grows from 2 to 3 feet high, and bears spikes of showy white, lilac and purple fragrant flowers. Excellent for naturalizing among shrubbery or for planting in a permanent border; mixed colors. (See cut.) Oz., 40 cts..... 5

COLLECTION OF OLD-FASHIONED HARDY PERENNIALS

3549 A packet each of twelve splendid sorts, our selection, 50 cts.



Double and Single Sweet William

SWEET WILLIAM (Dianthus Barbatus)

(London Tufts)

A well-known, attractive, free-flowering hardy perennial, producing a splendid effect in beds and borders with their rich and varied flowers. It is much better to raise new, vigorous young plants from seed every season than to divide the old plants.

PER PKT.

4286 **Single Velvety Maroon.** Very rich 10

4288 — **White.** Pure white 10

4283 — **Crimson.** Rich color 10

4285 — **Scarlet.** Bright and effective 10

4290 **Single Mixed.** All colors. Per ¼ oz., 20 cts 5

4282 **Newport Pink.** A distinct new color. It is what florists call watermelon-pink or salmony-rose. Strikingly brilliant and beautiful; the flowers are borne in massive heads on stems 18 inches high. For midseason mass bedding it has no equal. It is also very effective for cutting. 2 pkts., 25 cts 15

4281 **Scarlet Beauty.** A very effective, rich deep scarlet variety. 2 pkts., 25 cts 15

4291 **Holborn Glory.** This strain is a large-flowered selection of the auricula-eyed section, the most beautiful and admired of all Sweet Williams. The individual flowers and trusses are of extraordinary size, while the range of color, all showing a clear, white eye, is truly superb. ¼ oz., 25 cts 10

4297 **Double Mixed.** All colors. ¼ oz., 30 cts. 10

4296 **Giant Double.** A decided improvement. The plants are of robust, bushy habit, producing numerous stems, surmounted by immense umbels of full, double flowers, many of the individual flowers measuring over one inch in diameter. The colors are extremely varied 15

TUNICA

PER PKT.

4335 **Saxifraga.** A neat, tufted hardy perennial plant, growing but a few inches high, and bearing throughout the entire season numerous elegant pink flowers. Will thrive anywhere, but is especially adapted for the rockery or the margin of the hardy border 10

VALERIANA (Valerian

4340 **Rubra, Mixed.** Showy, hardy border plants; producing large corymbs of red or white flowers; fine for bouquets; mixed, 2 feet. ¼ oz., 25 cts 10

TRITOMA

(Red-hot Poker, Flame Flower, or Torch Lily)

4330 **Hybrida.** The introduction of new, continuous flowering Tritomas has given them a prominent place among hardy bedding plants. The seed we offer has been saved from a fine collection. 2 pkts., 25 cts 15

VERONICA (Speedwell)

4374 **Maritima.** A very pretty Speedwell growing about 2 feet high and producing long spikes of blue flowers from July to September ... 10

4376 **Spicata.** An elegant hardy border plant, growing about 1½ feet high, producing long spikes of bright blue flowers in June and July. (See cut) 10

Veronica Spicata

WALLFLOWER

Well-known deliciously fragrant half hardy perennials, blooming early in the spring, with spikes of beautiful flowers. They should be protected in a cold frame in the winter and planted out in April.

4415 **Paris Extra Early.** A beautiful single variety, which may be treated as an annual. ¼ oz., 25 cts 10

4414 **Goliath.** A splendid single variety; flowers of a rich, shining red, with a black velvety sheen 10

4420 **Single Mixed.** All colors. ¼ oz., 20 cts 5

4430 **Double Finest Mixed.** 2 pkts. for 25 cts 15

4419 **Collection** of Single Wallflower; 6 colors 40

DREER'S RELIABLE BULBS

FOR WINTER AND EARLY SPRING FLOWERING

We offer on this and the following eight pages a list of the more important bulbs for blooming during the late winter and early spring months. Most of these bulbs are grown in Europe, and as conditions are becoming normal, we expect to receive our supplies almost as usual, probably early in September, and at prices much lower than last year.

☞ **Send in your order now and they will be forwarded as soon as the bulbs reach us.**

Our complete Catalogue of Spring-flowering Bulbs will be sent out as usual during the first days of September.

DREER'S MIXED DUTCH HYACINTHS

We offer two grades of mixtures—our "Rainbow" and "Popular." Both are good, and we feel confident that nothing better can be had at the prices quoted. We recommend the single-flowering sorts as giving the best and most uniform results.

"RAINBOW" MIXTURE

The finest grade of mixtures imported. We can supply them in Single or Double in the following colors: Dark Red, Rose, Pure White, Blush White, Light Blue, Dark Blue, Yellow.

10 cts. each; $1.00 per doz.; $7.50 per 100; $65.00 per 1000.

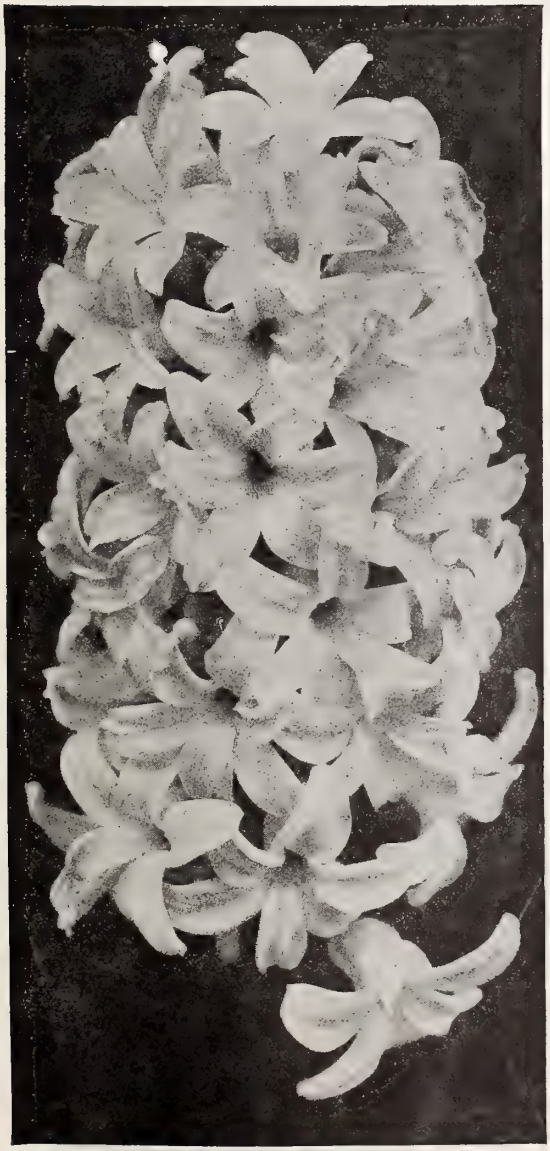
"POPULAR" MIXTURE

A very good grade and quite satisfactory for outdoor planting. Can be supplied in Single or Double: Dark Red, Rose, Pure White, Blush White, Light Blue, Dark Blue or Yellow.

8 cts. each; 75 cts. per doz.; $5.50 per 100; $50.00 per 1000.

DUTCH ROMAN OR MINIATURE HYACINTHS

These are small bulbs of the single-flowering Dutch Hyacinths, and excellent for growing in pans, pots or boxes, blooming early and freely. They may be planted close together in the pans, pots or boxes, or in beds in the open ground, with charming effect.



Single Dutch Hyacinths

Gertrude. Deep rose.

Gigantea. Soft blush or shell pink.

La Victoire. Brilliant rosy-crimson.

Grandeur a'Merveille. Blush white.

La Grandesse. Snow white.

L'Innocence. Purest white.

Grand Maitre. Deep porcelain-blue.

King of the Blues. Rich, deep blue.

Queen of the Blues. Silvery azure-blue.

Price. Any of the above named varieties, 6 cts. each; 60 cts. per doz.; $4.00 per 100; $35.00 per 1000.

If wanted by Parcel Post, add postage in accordance with note at foot of page.

Dreer's Prize Winning Collection of Exhibition Hyacinths

While all the named Hyacinths offered on the following page are strictly first class in every particular, the twelve single flowering sorts offered below are supplied in largest size bulbs or "top roots," and always produce massive, well-filled spikes, and are invariably included in the winning sets at the various exhibitions.

Arentine Arendsen. A grand snow-white, perfect in every way.

Enchantress. Beautiful sky-blue, shading lighter towards the centre, one of the finest light blue varieties.

Gertrude. An old variety; but still one of the very best; color bright rosy pink.

Grande Blanche. Fine spikes and very large bells; color, blush white.

Grande Maitre. Rich deep lavender-blue, shaded darker; a very popular sort.

King of the Blues. This is considered the finest of the rich deep blue varieties.

L'Innocence. Pure white, bells and truss of largest size; the best all round white; always does well.

Lady Derby. Lovely rose pink; splendid in every way.

La Victoire or Victory. Magnificent spikes of brilliant rosy crimson.

Queen of the Blues. Charming silvery azure blue; extra fine.

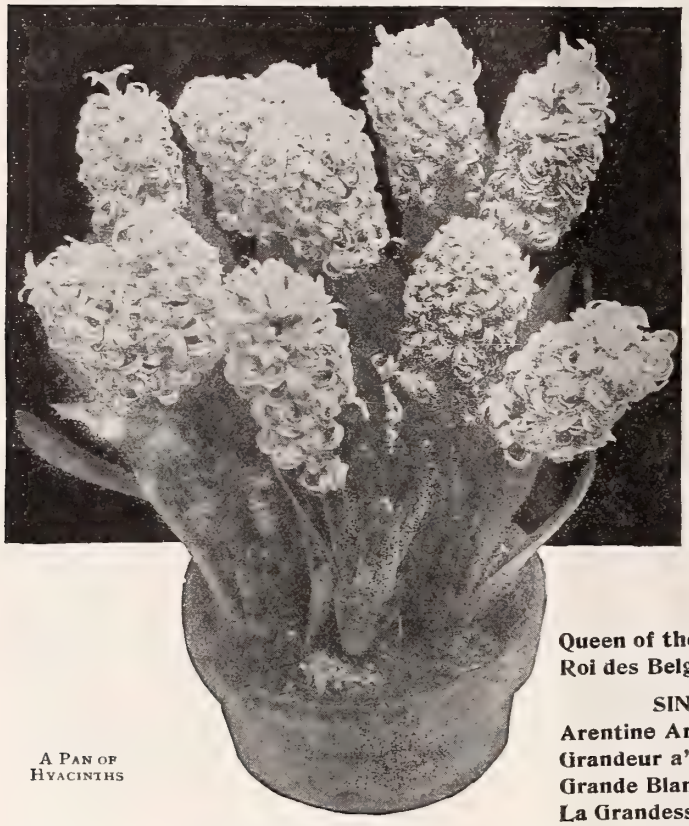
Queen of the Pinks. Extra large bells and massive spikes, a lively tone of rosy pink; extra fine.

Yellow Hammer. Rich yellow color, very pronounced; fine spike and bells.

Price. Any of the above, 25 cts. each; $2.50 per doz.
One each of the 12 Prize Winning sorts for $2.50.

If wanted by Parcel Post add postage in accordance with note at foot of page.

NOTE.—All Bulbs, Roots and Plants are forwarded by Express, purchaser paying charges. If wanted by Parcel Post, add 10 per cent. to value of order to points east of the Mississippi River, and 20 per cent. to points west of the Mississippi River.



A Pan of Hyacinths

EXTRA SELECTED FIRST-SIZE HYACINTHS

The varieties enumerated below have been selected for their distinct coloring and free-flowering qualities, and are all **Extra Selected First-size Bulbs,** specially suited for growing in pots or glasses, or for high-grade bedding.

We particularly recommend the Single-flowering sorts as being the most likely to produce the finest and largest spikes of bloom.

Complete cultural directions are given in our book "Hints on the growing of Bulbs." Price 25 cts. per copy or free to customers if asked for at time of ordering.

SINGLE RED, ROSE AND PINK

General de Wet. A beautiful shade of light rose.
Gertrude. Bright, rosy pink.
Gigantea. One of the best blush pink varieties.
Lady Derby. A charming tone of rose pink.
La Victoire, or Victory. Brilliant rosy-red.
Moreno. A beautiful lively pink; very large truss and bells.
Queen of the Pinks. A lovely tone of rosy-pink; large bells.
Roi des Belges. Brilliant crimson scarlet.

SINGLE, PURE AND TINTED WHITE

Arentine Arendsen. Pure snow white.
Grandeur a' Merveille. Fine blush-white.
Grande Blanche. A splendid blush-white.
La Grandesse. An extra fine pure white.
L'Innocence. The most popular of the pure whites for bedding and forcing.
Mme. van der Hoop. Pure waxy white; very large bells.
Queen Emma. Forms a big truss; color waxy-white.

SINGLE BLUE, LAVENDER, PURPLE, Etc.

Duke of Westminster. Rich, deep blue, with white centre.
Enchantress. Sky-blue shading lighter to the centre.
Grand Maitre. Rich, deep lavender-blue shaded darker.
King of the Blues. A grand rich dark lustrous blue.
Perle Brilliante. Very large bells and spikes of light sky-blue; inside of petals lighter.
Queen of the Blues. A beautiful silvery azure-blue.

SINGLE YELLOW SHADES

Primrose Perfection. A splendid bright primrose-yellow; very large bells.
Yellow Hammer. Pure yellow and one of the best.

DOUBLE RED, ROSE, Etc.

Chestnut Blossom. Bright rose-pink.
President Roosevelt. Bright lively pink; very large truss.

DOUBLE PURE AND TINTED WHITE

Isabella. The finest double blush-white; large bells and spike.
Double La Grandesse. The double flowering form of the well-known single pure white; extra fine.

DOUBLE BLUE, LAVENDER, Etc.

Bloksberg. Finest light porcelain blue.
Garrick. Deep azure-blue; very large spike.

DOUBLE YELLOW

Sunflower. Considered the finest double pure yellow.
Price. Any of the first size named Hyacinths offered above, 20 cts. each; $1.75 per doz.; $12.50 per 100.

SELECT SECOND SIZE NAMED HYACINTHS

These are a little smaller than our Extra Selected first-size bulbs, and are fine-flowering stock, and admirably adapted for pot culture and high-grade bedding where distinct shades of color are desired.

SINGLE RED, ROSE AND PINK

Gertrude. Deep rose pink; extra fine erect truss.
Gigantea. Soft blush-pink; very large spike of closely-set bells.
Lady Derby. A beautiful soft rose-pink.
La Victoire. Brilliant rosy crimson.
Moreno. A beautiful lively pink; very large spike and bells.
Roi des Belges. Brilliant crimson-scarlet.

SINGLE PURE AND TINTED WHITE

Arentine Arendsen. Snow white; a fine sort.
Grandeur a' Merveille. One of the finest blush-white varieties.
L'Innocence. Deservedly the most popular pure white.
La Grandesse. Considered the finest of all whites.
Mme. van der Hoop. Pure waxy-white; very large bells.

SINGLE BLUE, LAVENDER AND PURPLE

Duke of Westminster. Deep glittering-blue; with white centre.
Enchantress. Sky-blue, with lighter centre; one of the finest.
Grand Maitre. Deep Lavender, shaded darker.
King of the Blues. The finest of the rich deep blue varieties.
Queen of the Blues. Clear silvery azure-blue; in splendid trusses.
Price. Any of the above Select Second-size Hyacinths, 12 cts. each; $1.25 per doz.; $8.50 per 100.

NOTE.—All Bulbs, Roots and Plants are forwarded by Express, purchaser paying charges. If wanted by Parcel Post, add 10 per cent. to value of order to points east of the Mississippi River, and 20 per cent. to points west of the Mississippi River.

Select Single Early Tulips

The Tulip is always attractive from its beauty and brilliance of color; and is one of the popular early spring flowers. A few bulbs scattered here and there produce but little effect, but when planted in masses or in groups, they become at once grand and brilliant, and eclipse in variety of coloring and picturesque effect almost any other flower.

Artus. Bright deep scarlet, 50 cts. per doz.; $3.50 per 100.

Belle Alliance. One of the most popular scarlets for bedding; always does well. 65 cts. per doz.; $4.50 per 100.

Chrysolora. Rich, pure yellow, 55 cts. per doz.; $3.75 per 100.

Cottage Maid. White, bordered and suffused rosy-pink; makes a beautiful bed. 65 cts. per doz.; $4.50 per 100.

Couleur Cardinal. Rich, glittering cardinal red; a grand variety. 70 cts. per doz.; $5.00 per 100.

Crimson King. Crimson scarlet. 50 cts. per doz.; $3.50 per 100.

Golden Queen. The finest golden-yellow; flowers very large. 65 cts. per doz.; $4.50 per 100.

Joost van Vondel White or Lady Boreel. Conceded to be the largest and finest pure white; perfect in every way. 70 cts. per doz.; $5.00 per 100.

Kaiser Kroon. Bright red, margined golden-yellow; extra large and very showy. 55 cts. per doz.; $3.75 per 100.

Pink Beauty. Rich, glowing cerise-pink, flushed with snowy-white at the base of petals; a magnificent sort of heavy texture. 75 cts. per doz.; $5.50 per 100.

Princess Helene. One of the best pure white bedders; strong, sturdy growth. 60 cts. per doz.; $4.25 per 100.

President Lincoln, or Queen of the Violets. A pretty shade of pale violet. 60 cts. per doz.; $4.25 per 100.

Proserpine. Glossy carmine-rose; very large and attractive. 85 cts. per doz.; $6.50 per 100.

Queen of the Netherlands. Exquisite shade of soft blush-pink shaded with white; enormous globular flowers. 65 cts. per doz.; $4.50 per 100.

Rising Sun. Very large flowers of rich golden-yellow; the finest and richest yellow early tulip. 75 cts. per doz.; $5.50 per 100.

Rose Grisdelin. The finest dwarf bright pink, beautiful as a border. 50 cts. per doz.; $3.50 per 100.

Rose Luisante. Dark, silky-rose pink of high quality. 75 cts. per doz.; $5.50 per 100.

Sir Thomas Lipton. Rich, glossy, deep scarlet, the finest of its color. 75 cts. per doz.; $5.50 per 100.

White Hawk. A beautiful pure white, of heavy texture; lasting well. 70 cts. per doz.; $5.00 per 100.

Yellow Prince. The leading golden-yellow for forcing. 50 cts. per doz.; $3.50 per 100.

Group of Cottage Garden Tulips

DREER'S SUPERB MIXTURE OF SINGLE EARLY TULIPS

This grand mixture of Single Early sorts is blended specially for us by one of the leading growers in Holland. 35 cts. per doz.; $2.50 per 100; $22.00 per 1000.

MAY-FLOWERING OR COTTAGE GARDEN TULIPS

This beautiful class is now very popular. They are quite distinct from the early flowering sorts, coming into bloom in the vicinity of Philadelphia about May 10th, or two or three weeks later than the early flowering types, and extending the Tulip season over a period of four weeks or more.

Gesneriana Lutea. A fine golden-yellow variety. 60 cts. per doz.; $4.00 per 100.

Gesneriana Spathulata Major. Very large flowers of an intense brilliant crimson-scarlet. 65 cts. per doz.; $4.50 per 100.

Golden Crown. Rich yellow, petals faintly edged with red. 60 cts. per doz.; $4.25 per 100.

Inglescombe Pink. A rare blending of buff and salmon. 60 cts. per doz.; $4.00 per 100.

Inglescombe Yellow. Immense globular, rich yellow flowers; has been aptly called the "Yellow Darwin." 55 cts. per doz.; $3.75 per 100.

La Merveille. Salmony-rose, overlaid with orange-red. 55 cts. per doz.; $3.75 per 100.

Mrs. Moon. The largest and finest golden-yellow late Tulip. 70 cts. per doz.; $5.00 per 100.

Orange King. Brilliant orange-red shaded scarlet, the finest of this color. 55 cts. per doz.; $3.75 per 100.

Picotee or Maiden Blush. Pure white, daintily edged with pink. 55 cts. per doz.; $3.75 per 100.

Royal White. Pure white, slightly tinted creamy-yellow. 70 cts. per doz.; $5.00 per 100.

Shandon Bells, Isabella, or Blushing Bride. Creamy-yellow, tinted with blush, turning as the flower ages to a carmine pink. 55 cts. per doz.; $3.75 per 100.

The Fawn. A charming shade of fawn, suffused with rose. 60 cts. per doz.; $4.00 per 100.

May Flowering, or Cottage Garden, Mixed. This is a splendid mixture made up of over 50 sorts of all colors. 45 cts. per doz.; $3.00 per 100; $26.00 per 1000.

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Old Dutch or Breeder Tulip

Dreer's Superb Double Tulips

While not equal to the single in brilliancy, the double varieties last much longer in bloom. The early varieties, such as Murillo, Imperator Rubrorum, and Tournesol, are excellent for forcing. The later sorts will not bear forcing, but are very effective in beds or borders. A combination or solid bed of the pure white and bright scarlet varieties, Boule de Neige and Rubra Maxima is especially effective.

Boule de Neige. A splendid pure white flower, very large. 50 cts. per doz.; $3.50 per 100; $32.00 per 1000.

Couronne d'Or (*Crown of Gold*). Golden-yellow, tinted orange, beautiful. 65 cts. per doz.; $4.50 per 100; $40.00 per 1000.

Imperator Rubrorum. Bright scarlet. 70 cts. per doz.; $5.00 per 100; $45.00 per 1000.

La Grandesse. A splendid rich deep rose-pink, a fine bedder. 60 cts. per doz.; $4.00 per 100; $38.00 per 1000.

Murillo. Superb light pink. 50 cts. per doz.; $3.50 per 100; $30.00 per 1000.

Rubra Maxima. Rich dark scarlet, a grand bedding sort. 50 cts. per doz.; $3.50 per 100; $32.00 per 1000.

Salvator Rosa. Deep rosy pink. 65 cts. per doz; $4.50 per 100; $40.00 per 1000.

Schoonoord. Considered the finest double white, a "sport" from Murillo. 50 cts. per doz.; $3.50 per 100; $32.00 per 1000.

Tournesol. Scarlet, broadly edged yellow. Fine forcer. 75 cts. per doz.; $5.50 per 100; $50.00 per 1000.

William the Third. Brilliant orange-scarlet, fine bedder. 65 cts. per doz.; $4.50 per 100; $40.00 per 1000.

Dreer's Superb Mixed Double Tulips

A really fine mixture, having a good range of color, growing to the same height and blooming together. 45 cts. per doz.; $3.00 per 100; $26.00 per 1000.

Old Dutch or Breeder Tulips

This fine old May-flowering type has been neglected for many years, but are again becoming popular. They are very similar to the Darwins in their tall, strong growth, and with even larger flowers, but have an entirely different range of colors, comprising bronze, terra-cotta, orange brown and other artistic tones. We offer a selected list of the best and most distinct sorts:

Bronze Queen. Finely formed large flower. Soft buff, suffused with bronzy apricot; inside golden bronze. 80 cts. per doz.; $6.00 per 100.

Cardinal Manning or Kingscourt. A curious blending of mauve and rose which changes to an almost pure orange at the edge of petals. Very attractive. 70 cts. per doz.; $5.00 per 100.

Dom Pedro. A handsome and distinct tulip of rich coffee-brown shaded maroon; inside mahogany-red. $1.25 per doz.; $8.50 per 100.

Godet Parfait. Large flowers of remarkably heavy texture, of a rich plum violet. $1.00 per doz.; $7.50 per 100.

Lucifer or Gorgeous. Very large well-shaped flowers of rich reddish orange; truly gorgeous. $1.25 per doz.; $8.50 per 100.

Prince of Orange or Sunset. Rich terra-cotta red, margin of petals orange-red. 70 cts. per doz.; $5.00 per 100.

Sunrise or Jaune D'Oeuf. An odd and attractive variety of ruddy apricot, inside and edge of petals golden-yellow. 60 cts. per doz.; $4.50 per 100.

Turenne or MacMahon. One of the largest flowers of a wonderful bronzy violet color, heavily margined, with bronze yellow. $1.00 per doz.; $7.50 per 100.

Velvet King or Dreadnought. Immense flowers of rich, royal deep purple, held erect on tall, stout stiff stems and lasting in good condition for a long time. $1.50 per doz.; $10.00 per 100.

Yellow Perfection. A lovely variety of light bronze-yellow edged and shaded golden-yellow. 70 cts. per doz.; $5.00 per 100.

Choice Mixed. A splendid mixture containing a great many varieties and colors. 50 cts. per doz.; $3.75 per 100; $32.00 per 1000.

PARROT OR DRAGON TULIPS

Very large flowers of singular and picturesque forms and brilliant colors; very beautiful and interesting. The petals are curiously fringed or cut. They form extravagantly showy flower beds or borders, are of endless variety of form and color, stand a long time when cut, and should be grown in every flower garden in quantity.

Cramoisi Brilliant. Rich crimson with blackish markings.

Lutea. Clear yellow, feathered with red and green.

Perfecta. Striped yellow and red.

Price. Any of the above, 60 cts. per doz.; $4.00 per 100; $35.00 per 1000.

Parrot Tulips, Mixed Colors. A border of these resembles a rich Oriental rug in coloring. 45 cts. per doz.; $3.25 per 100; $28.00 per 1000.

PREPARED BULB FIBRE

This material contains all the necessary plant food for all kinds of bulbous plants, and bulbs can be grown in it in jardinieres, fern dishes and other non-porous receptacles without drainage.

The treatment after planting in this material is the same as when planted in soil. 50 cts. per ½ peck; 75 cts. per peck; $2.50 per bushel.

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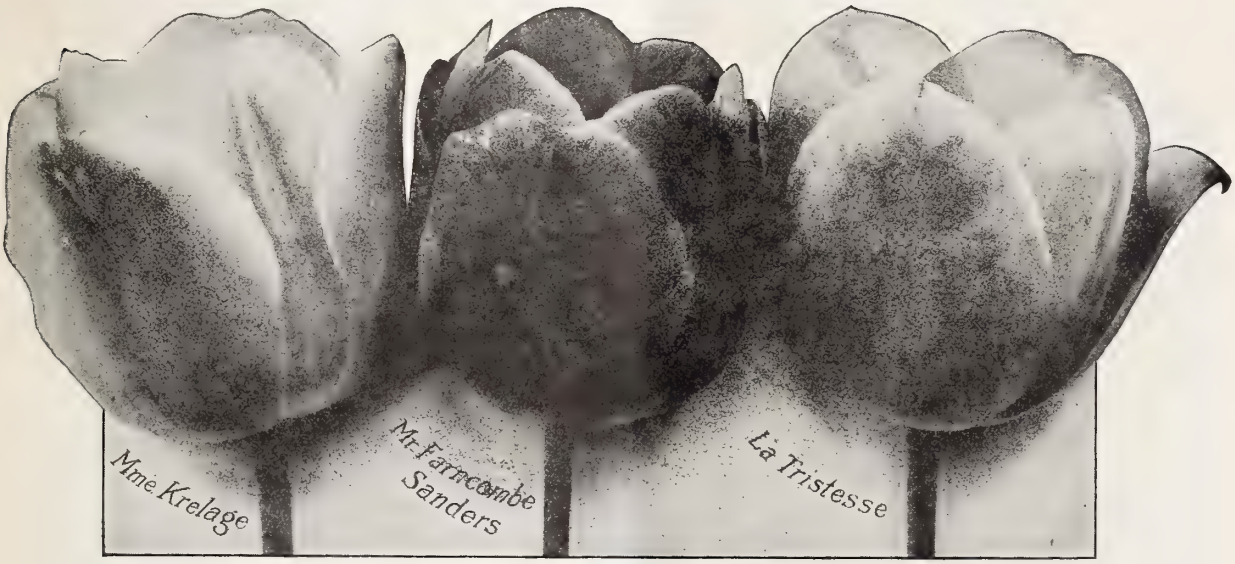

Dreer's Superb Darwin Tulips

This magnificent May-flowering class has within the past few years by shear force of their many merits forged their way to popularity by leaps and bounds, and are now grown by almost everybody who loves spring flowers; they are quite distinct in style of growth from the other late-flowering sorts; stately in appearance, attaining a height of 24 to 30 inches, and bearing on long strong straight stems beautiful globular flowers of remarkably heavy texture, in a large range of colors, embracing almost every conceivable tint.

Ariadne. Enormous bold, cup-shaped flowers of brilliant cochineal-red. 75 cts. per doz.; $5.25 per 100.

Baron de la Tonnaye. A strong upright grower, with very large flowers of vivid rose-pink, toning to silvery-rose at the margin of the petals. 60 cts. per doz.; $4.00 per 100.

Clara Butt. One of the most popular varieties, both for bedding and for forcing. The exquisite salmony-pink color of its large flowers is always greatly admired. 50 cts. per doz.; $3.50 per 100; $32.00 per 1000.

Dream. Large cup-shaped flowers of soft rosy mauve on a heliotrope ground, shading lighter on upper part of petals. 65 cts. per doz.; $4.50 per 100.

Edmee or Beauty. A beautiful tone of cherry-rose with silvery-pink margin. 80 cts. per doz.; $6.00 per 100.

Glow. Not a very large flower, but of such a dazzling scarlet color that it makes one of the most effective bedders. 70 cts. per doz.; $5.00 per 100.

Gretchen or Margaret. The large globular flowers are of a delicate blush-pink on the outside, inside soft rose; a very popular variety for cutting. 60 cts. per doz.; $4.00 per 100.

Harry Veitch. Brilliant, blood-red, shaded with brownish maroon large flowers of splendid form; a fine bedder. 65 cts. per doz.; $4.50 per 100.

Inglescombe Yellow. While this belongs to the May flowering Cottage Garden type, it is frequently called the "Yellow Darwin," described and offered on page 27.

King Harold. Rich deep mahogany-red; a splendid dark variety. 70 cts. per doz.; $5.00 per 100.

La Tristesse, or Dolores. A very large flower of slaty-blue, with silvery-flush at margin; a lovely variety to associate with yellow Cottage Garden Tulips. 70 cts. per doz.; $5.00 per 100.

La Tulipe Noire, or The Black Tulip. The nearest approach to black in Tulips; very large flowers of glossy black with maroon tone. 70 cts. per doz.; $5.00 per 100.

Mme. Krelage. Rosy-violet, toning to soft blush at edge of petals; a good strong grower and a satisfactory bedder. 70 cts. per doz.; $5.00 per 100.

Mr. Farncombe Sanders. One of the choicest varieties; flowers of very large size, of an effective rich geranium-scarlet tinged with rose. 75 cts. per doz.; $5.50 per 100.

Mrs. Potter Palmer or Mr. D. T. Fish. Rich, glowing amaranth purple, a very distinct and striking color. 65 cts. per doz.; $4.75 per 100.

Ouida. One of the finest and richest crimson-scarlets, particularly effective for bedding. 65 cts. per doz.; $4.50 per 100.

Philippe de Commines. Rich, deep, lustrous plum-purple; one of the best of the very dark sorts. 70 cts. per doz.; $5.00 per 100.

Pride of Haarlem. A favorite for bedding and forcing. Flowers very large, of an attractive old rose color, suffused and brightened by scarlet. 65 cts. per doz.; $4.50 per 100.

Princess Juliana or Sweetheart. A striking new sort of dazzling orange-scarlet suffused with salmon—quite distinct. 70 cts. per doz.; $5.00 per 100.

Professor Rauwenhof. Brilliant cherry-red, suffused scarlet, a very large and effective variety. 80 cts. per doz.; $5.75 per 100.

Rev. H. Ewbank. A charming soft heliotrope shaded lavender, the best of this color. 65 cts. per doz.; $4.50 per 100.

Salmon King. Dazzling rosy-scarlet suffused with salmon; a very effective color. 65 cts. per doz.; $4.75 per 100.

Suzon. Large, bold flowers of soft rosy flesh color margined with blush white; a very dainty coloring. 70 cts. per doz.; $5.00 per 100.

Whistler. Enormous flowers of a vivid crimson-scarlet. 75 cts. per doz.; $5.50 per 100.

White Queen or La Candeur. Large globular flowers of pure white, slightly tinted blush when opening. 65 cts. per doz.; $4.50 per 100.

DREER'S SUPERB DARWIN TULIPS MIXED

A grand mixture containing upwards of fifty sorts and covering all of the many beautiful colors for which this type is remarkable.

Price, 45 cts. per doz.; $3.00 per 100; $27.00 per 1000.

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Dreer's Choice Narcissus or Daffodils

NARCISSUS EMPEROR

There are no hardy bulbous plants which have more points of merit than the Narcissus or Daffodils. Perfectly hardy, growing and doing well in almost any and every position, sun or shade, moist or dry. All conditions seem to suit them, although they have a preference for a good, deep soil and a semi-shaded position, and every vacant corner in the garden, amongst the grass, under the trees, etc., could not be used to better advantage than by filling with Narcissus.

GIANT TRUMPETS

The Giant Trumpet sorts are the showiest of the genius, and also the most useful, growing easily either indoors or in the open ground. Every one of the varieties of this type offered on this page are deserving of extensive planting, and you can set out any of them with full assurance that you will get a bountiful harvest of blossoms in the spring.

Bicolor Victoria. A fine variety, perianth creamy-white, trumpet rich yellow, delicately perfumed; unsurpassed for pot culture and always satisfactory out of doors. 10 cts. each; $1.00 per doz; $7.50 per 100..

Emperor. This grand variety, which is nicely illustrated, is one of the largest and finest Daffodils in cultivation, pure yellow, trumpet of immense size, and wide overlapping, rich primrose perianth; for bedding, naturalizing or for growing in pots in the house it is unequalled. Much in demand for cutting. Extra large bulbs, 10 cts. each; $1.00 per doz.; $7.00 per 100.

Empress. This fitting companion to Emperor is also of strong, robust growth, with fine large flowers; the perianth snow white, trumpet rich yellow, serrated and flanged at the edges; one of the best bicolors and of rare beauty for cutting. Extra large bulbs, 10 cts. each; $1.00 per doz.; $7.00 per 100.

Giant Princeps. One of the most popular; perianth sulphur white; trumpet rich yellow. As a forcing variety it is superior in every way, and a fine sort for naturalizing. 7 cts. each; 65 cts. per doz.; $4.50 per 100.

Glory of Leiden. This grand variety has been well and deservedly named the "King of Daffodils," being one of the most massive of the Giant Trumpet varieties. The large trumpet is full, rich, yellow, perianth pale yellow with occasional deeper yellow markings. Unlike many floral aristocrats it is of strong, vigorous habit and of the easiest culture, being just as much at home when grown in pots indoors as it is in the open ground. You cannot be considered to have a good collection of Narcissus without Glory of Leiden. 10 cts. each; $1.00 per doz.; $7.00 per 100.

Golden Spur. The most popular of the golden-yellow trumpets with cut flower growers, as it produces freely and early its handsome rich, deep yellow flowers. It is just as valuable out of doors as for forcing. A strong, vigorous grower, always doing well. Extra large bulbs, 7 cts. each; 75 cts. per doz.; $5.50 per 100.

King Alfred. This is considered the largest and finest deep golden yellow Trumpet variety. A tall, strong grower, with magnificent frilled trumpet and large perianth, all of a uniform rich golden-yellow. 15 cts. each; $1.50 per doz.; $10.00 per 100.

Mme. de Graaff. A magnificent flower of almost pure white, the perianth is snow white, the large trumpet is slightly tinted with primrose, which changes to white, has been well named "The Queen of Daffodils." 10 cts. each; $1.00 per doz.; $7.00 per 100.

Olympia. This remarkably fine Daffodil might briefly be described as a greatly improved Emperor, being much larger in size and of a richer, deeper color. It is a wonderfully strong grower, with fine broad blue-green foliage, and its bold majestic yet artistic flowers are produced very freely. This is one of the best Daffodils either for growing in pots indoors or for outdoor cultivation. 25 cts. each; $2.25 per doz.; $15.00 per 100.

Trumpet Major (*Single Van Sion*). A large and shapely flower of a rich yellow color throughout. Comes into bloom early, and is excellent for forcing, bedding or naturalizing. 6 cts. each; 60 cts. per doz.; $4.00 per 100.

Van Waveren's Giant. This is claimed to be the largest of all Narcissus, which claim we fully indorse, having tried it several times in conjunction with other Giant Trumpet varieties, and it has always produced the largest flowers of any. The huge blossoms are held erect on strong, stiff flower stalks, perianth soft primrose-yellow with an immense bright yellow trumpet. Strong, vigorous grower, and just as satisfactory for growing in pots as it is for the garden. 25 cts. each; $2.25 per doz.; $16.00 per 100.

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Medium Trumpet Narcissus

This class is also known as the Star or Chalice-cup Daffodils, and comprises some of the most beautiful and graceful forms. All are suitable for growing indoors in pots or pans, and are especially adapted for naturalizing, being of free growth and multiplying rapidly.

Barrii Conspicuus. Perianth soft yellow; broad spreading cup, magnificently illuminated with scarlet; a most distinct and beautiful sort, and should be grown in quantity for cutting. (See cut.) 6 cts. each; 60 cts. per doz.; $4.50 per 100.

Barrii Lady Godiva. This beautiful variety is identical to the preceding excepting that instead of being yellow the perianth is white; cup rich yellow, edged bright orange-scarlet, a very effective combination; a strong grower and exceptionally free-flowering. 7 cts. each; 70 cts. per doz; $5.00 per 100.

Incomparabilis Autocrat. A showy and free-flowering variety, with large star-shaped flowers, perianth rich yellow with deeper yellow wide expanded crown or cup; splendid for pots or for outside planting. 7 cts. each; 70 cts. per doz.; $5.00 per 100.

Incomparabilis Leonie. One of the newer sorts with very large primrose-yellow perianth, cup slightly deeper, an abundant bloomer and excellent for cutting. 6 cts. each; 60 cts. per doz.; $4.50 per 100.

Incomparabilis Lucifer. One of the showiest and most striking varieties; the flowers, which are produced with remarkable freedom, averaging three to a bulb, are of large size, the perianth pure white, while the crown or trumpet is a brilliant orange-scarlet, the contrast being decided, and producing an effect that attracts the attention of everyone. 7 cts. each; 70 cts. per doz.; $5.00 per 100.

Incomparabilis Sir Watkin. "Giant Chalice Flower," or "Big Welshman." A gigantic flower, the largest in this section; perianth sulphur-yellow, cup slightly deeper in color and tinged with orange; fine for pot culture; in fact, does well everywhere. Extra large bulbs, 8 cts. each; 75 cts. per doz.; $5.50 per 100.

Leedsii Mrs. Langtry. A dainty free-flowering sort, with pure white perianth and delicate primrose cup, passing off to white; charming for pots and largely used for naturalizing. 6 cts. each; 60 cts. per doz.; $4.00 per 100.

Leedsii White Lady. An exquisite flower with broad pure white overlapping petals and dainty cup, prettily crinkled, of a beautiful pale canary yellow shade; very free bloomer and of great value for cutting. 7 cts. each; 70 cts. per doz.; $5.00 per 100.

Narcissus Barrii Conspicuus

JONQUILS

Jonquils are a small flowering type of Narcissus, and are prized for their graceful, golden, fragrant blossoms, and the ease with which they may be grown.

Single Sweet-scented (*Narcissus Jonquilla*). Rich, buttery-yellow; not as large a flower as the others, but most fragrant and very free-flowering. 45 cts. per doz.; $3.00 per 100.

Campernelle (*Narcissus Odorus*). A grand variety, producing freely large yellow flowers, very sweetly scented; a strong grower, doing well in almost any position. 45 cts. per doz.; $3.00 per 100.

Campernelle Rugulosus. The largest and finest of all Jonquils; a handsome flower; color pure yellow; very fragrant. 50 cts. per doz.; $3.50 per 100.

Odorus Plenus (*Double Campernelle Jonquil*). A charming variety bearing on tall graceful stems, double yellow fragrant flowers of elegant form. 50 cts. per doz.; $3.75 per 100.

The Poet's Narcissus

(Narcissus Poeticus)

This is the old-fashioned favorite type; all have snowy white flowers, with yellow or lemon cups margined more or less deeply with red and with rich, spicy odor. All do well in the open border, or naturalized in grass, are perfectly hardy, and once planted take care of themselves.

Poeticus (*Pheasant's Eye or Poet's Narcissus*). Flowers snow-white, with beautiful lemon-yellow cup edged with bright orange-red; blooms in May. 45 cts. per doz.; $3.25 per 100; $30.00 per 1000.

Poeticus Ornatus. More symmetrical than the old Poeticus, and blooms almost a month earlier; flowers large, pure white, cup margined with scarlet. Extra large bulbs, 60 cts. per doz.; $4.50 per 100.

Poeticus King Edward VII (*Almira*). An improvement on Ornatus, being a stronger grower, producing larger flowers of purest white, with yellow cup margined with scarlet; very early. 8 cts. each; 85 cts. per doz.; $6.00 per 100.

Poeticus Thelma. The wide overlapping substantial petals of this beautiful variety is of snowy white, the broad light yellow cup distinctly margined with deep scarlet. A strong, free grower and bloomer. Extra fine. 15 cts. each; $1.50 per doz.; $10.00 per 100.

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Polyanthus Narcissus

Beautiful free-flowering deliciously sweet-scented flowers, of the easiest culture; suitable for forcing in soil or prepared fibre or for growing in water. They bear tall spikes of bloom with from 6 to 20 flowers each.

Paper White Grandiflora. An improved large flowering form of the old Paper White, and without doubt the easiest of all bulbs to grow in the house, either in soil, prepared fibre or water; we offer two sizes as under:

Selected Bulbs. 5 cts. each; 50 cts. per doz.; $3.50 per 100; $30.00 per 1000.

Mammoth Bulbs. Of special value for growing in water. 6 cts. each; 60 cts. per doz.; $4.00 per 100; $35.00 per 1000.

Double Roman. White with double yellow centre; very fragrant. 6 cts. each; 60 cts. per doz.; $4.00 per 100.

Gloriosa. A very pretty variety, with pure white flowers, with rich orange cup. 7 cts. each; 75 cts. per doz.; $5.00 per 100.

Grande Monarque. Fine large trusses of white flowers, with primrose cups. 7 cts. each; 75 cts. per doz.; $5.00 per 100.

Grand Soleil d'Or. A charming rich yellow flower, with deep reddish cup. 12 cts. each; $1.25 per doz.; $8.00 per 100.

Narcissus Paper White Grandiflora
Grown in a bowl in water and pebbles

Double-flowering Narcissus or Daffodils

No collection of Narcissus is complete without the double-flowering sorts. While not as attractive as many of the single varieties, and lacking variety of coloring, they possess a charm peculiarly their own. All are perfectly hardy and are much in demand for cutting.

Alba Plena Odorata (*Double Poet's Narcissus or Gardenia Daffodil*). Double pure white; very sweet-scented. This beautiful variety cannot be forced. It succeeds best planted in rather heavy soil, in partial shade, and where it will not suffer for lack of moisture. 50 cts. per doz.; $3.75 per 100.

Orange Phœnix (Eggs and Bacon). Light citron with orange centre; a beautiful artistic blossom and easily forced. 7 cts. each; 75 cts. per doz.; $5.25 per 100.

Sulphur or Silver Phœnix (Codlins and Cream). Creamy white with pale sulphur centre. Considered the finest of the double sorts. 7 cts. each; 75 cts. per doz.; $5.25 per 100.

Van Sion (*Telemonius Plenus*). The famous old Dutch Daffodil; flowers golden yellow. This variety is used in enormous quantities for forcing; also excellent for bedding in conjunction with Hyacinths, flowering at the same time and presenting a beautiful contrast when used with a blue variety.

Extra Selected Double-nosed Bulbs. Each bulb will produce at least two flowers, and frequently three or more. 10 cts. each; $1.00 per doz.; $7.00 per 100.

Selected Single-nosed Bulbs. Each bulb will produce at least one fine flower, and often two. 7 cts. each; 70 cts. per doz.; $5.00 per 100.

NARCISSUS IN MIXTURE

Single Varieties. A splendid mixture, containing a great many fine varieties, and sure to produce satisfactory returns. 50 cts. per doz.; $3.25 per 100; $30.00 per 1000.

Double Varieties. A very good mixture containing some each of the various varieties. Excellent for planting for cutting. 50 cts. per doz.; $3.50 per 100; $32.00 per 1000.

Dreer's Giant Named Crocus

These are large bulbs of the best of the newer hybrid and standard varieties, and are remarkable for richness of color and size of their flowers, and are the best to use for pot culture or where extra fine results are wanted.

Cæsar. One of the new Hybrids, with very large flowers of rich purple.

Kathleen Parlow. The finest pure white of the new hybrids, extra large cup-shaped flowers with orange anthers.

King of the Whites. The best pure white of the older sorts; very free-flowering.

Mammoth Yellow. Golden yellow, very large bulbs, producing a mass of flowers.

Pallas. A very showy new hybrid, flowers prettily striped lilac on a white ground; orange anthers.

Purpurea Grandiflora. The richest purple of the standard sorts; very effective.

Price. Any of the above, in selected bulbs, 35 cts. per doz.; $2.25 per 100; $20.00 per 1000.

MIXED CROCUS

The bulbs offered under this head are smaller than the Giant Named sorts offered above, but are quite satisfactory for planting in the grass or for any position out of doors. In planting care should be taken not to set the bulbs too deep; a covering of two inches of soil is enough.

	Per Doz.	Per 100	Per 1000
Blue and Purple sorts	$0 20	$1 25	$10 00
Striped sorts	20	1 25	10 00
White sorts	20	1 25	10 00
Golden Yellow, good bulbs	25	1 50	12 00

All Colors Mixed. 20 cts. per doz.; $1.25 per 100; $10 00 per 1000.

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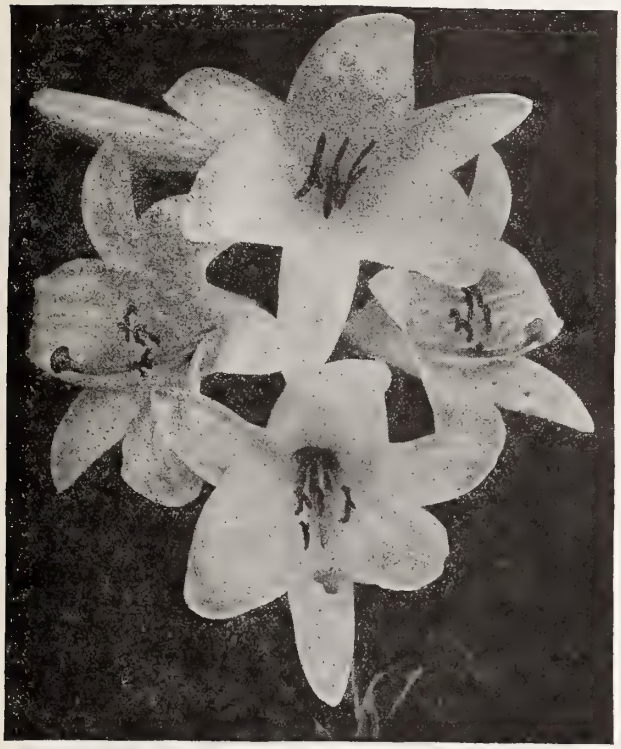

LILIUM CANDIDUM (Madonna Lily)

CALLA LILIES

White Calla (*Richardia Æthiopica*). The White Calla, or Lily of the Nile, is a well-known plant of easy culture, and in winter is one of our best window plants. To aid profuse blooming keep them dormant from the middle of June until the last of August; repot in good, rich soil, using 6 to 8-inch pot; give water, light and heat in abundance, and the result will be most satisfactory.

	Each.	Per Doz.	Per 100.
Good Flowering Bulbs	$0 25	$2 50	$18 00
Extra Large Bulbs	35	3 50	25 00

Godfrey Everblooming. This is a great improvement over the ordinary white Calla, being of even freer growth and much more floriferous over a longer season. The flowers, while a trifle smaller, are of purer white and delicately scented. Strong flowering bulbs, 25 cts. each; $2.50 per doz.

FREESIA

This is one of the most beautiful of all Cape bulbs, possessing a peculiar grace of form; and its fragrance is most delightful, one pot of a dozen bulbs being sufficient to perfume a whole house. As cut flowers they are extremely valuable; the unexpanded blooms opening in water, fill the air with the most delicate perfume, and their endurance is really remarkable. For full cultural directions, see our new new book, "*Hints on the Growing of Bulbs.*" Price, 25 cts., or free to customers who ask for it when ordering.

Dreer's Improved Purity. The finest and purest white variety yet introduced; of strong growth and with very large flowers.

	Per Doz.	Per 100.	Per 1000.
Mammoth Bulbs	$0 50	$3 00	$25 00
Selected Bulbs	30	2 00	16 00

Rainbow Mixture. A wonderfully improved stock of the colored Freesia, comprising a large number of beautiful shades of yellow, blue, violet, mauve, pink, lavender, etc. The flowers are as large as the best white type, and equally as fragrant. We offer them in mixed colors only. 80 cts. per doz.; $6.00 per 100.

Dreer's Select Lilium Candidum

(Annunciation or Madonna Lily)

This is one of the most popular of garden Lilies. The flowers are pure snow white and very fragrant, borne on long stems. To succeed with it, it should be planted early in the autumn; give the bulbs a light dusting with powdered sulphur, and do not cover with more than 2 inches of soil; 3 to 4 feet; May and June.

We have arranged for a large supply, and hope to have them ready for delivery not later than September.

	Each.	Per Doz.	Per 100.
Large Bulbs	$0 20	$2 00	$15 00
Extra Large Bulbs	30	3 00	20 00
Mammouth Bulbs	40	4 00	25 00

LILIUM HARRISII

(Bermuda Easter Lily)

This is undoubtedly the best Lily for winter forcing, as it comes quickly into bloom. The flowers are trumpet-shaped, pure white, and delightfully fragrant. The freedom with which the flowers are produced is truly remarkable.

Fine bulbs, 5 to 7 inches, 25 cts. each; $2.50 per doz.

Extra bulbs, 7 to 9 inches, 50 cts. each; $5.00 per doz.

OXALIS

These are profuse bloomers, and very attractive in the house or conservatory during the winter. Plant 3 or 4 bulbs in a pot or hanging basket, which should be kept close to the light to prevent the foliage from growing too long.

Bermuda Buttercup. Flowers of the purest bright buttercup yellow.

Bowiei. Brilliant carmine rose.

Grand Duchess. Extremely free-flowering, never being out of bloom from November till June. We offer them in three distinct colors, viz., **Pink, White and Lavender.**

Price of any of the above, 40 cts. per doz.; $2.50 per 100.

Mixed Oxalis, containing all the colors. 30 cts. per doz.; $2.00 per 100.

DREER'S IMPROVED PURITY FREESIAS

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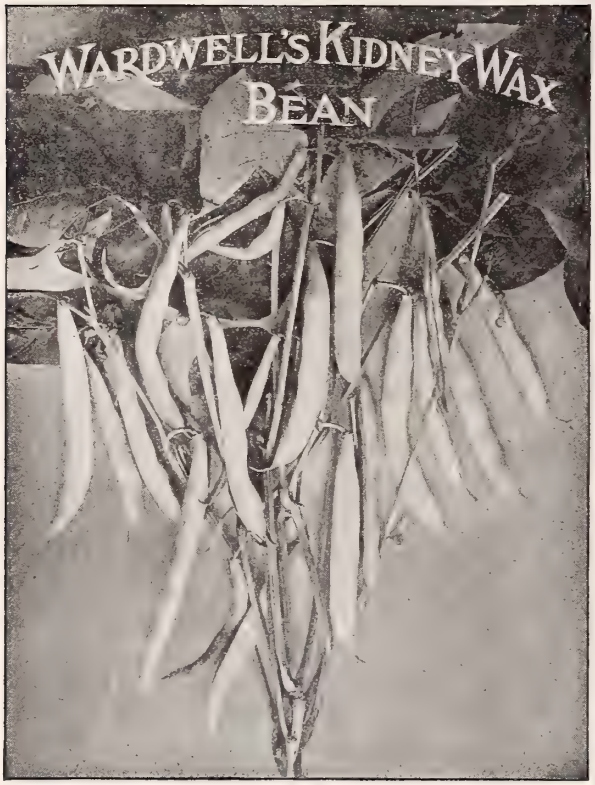
Dreer's Vegetable Seeds

YOUR GARDEN SHOULD BE THE MEANS OF FURNISHING A FULL SUPPLY OF VEGETABLES THROUGHOUT THE SUMMER

A little effort will give you fresh vegetables all summer long and the surplus may be canned. Continuous plantings, as explained in this catalogue under the headings of various vegetables, will enable you to do this successfully. Use all available space, and not only grow sufficient for immediate use, but also a supply to be stored for winter. As the various crops mature, utilize the space made vacant and grow Lettuce, Cabbage and Cauliflower. Beans may be planted up to August 1st, Sugar Corn up to July 20th, and Dreer's Electric Peas for fall use should be planted about the middle of August.

We pay postage on vegetable seeds by the packet, ounce, quarter pound and pound. Add postage as stated for Beans, Corn and Peas.



BEANS, DWARF OR BUSH

Green and Wax bush sorts can be planted about ten days to one week apart throughout the season up to August 1 with only slight risk.

BEANS BY PARCEL POST

Prices for Beans of all kinds are for same by express or freight at purchaser's expense. If wanted sent by Parcel Post add as follows: To points east of Mississippi River, 7 cts. lb. West of Mississippi River, 12 cts. lb.

Improved Extra Early Red Valentine. Bears pods which are round, long, slightly curved and of excellent quality. It is one of the most prolific sorts for private use or market. Pkt., 10 cts., postpaid. By express or freight, at purchaser's expense, lb., 30 cts.; 2 lbs., 55 cts. (If by Parcel Post add as noted above); 10 lbs., $2.25.

Stringless Green Pod (Burpee's). Very popular, stringless, ripens earlier than Valentine, and remains tender and crisp a long time after maturity. Pods are pale green, long and straight, round, meaty and of excellent flavor. Pkt., 10 cts., postpaid. By express or freight, at purchaser's expense. lb., 35 cts; 2 lbs., 60 cts. (If by Parcel Post add as noted above); 10 lbs., $2.50.

Improved Rust-proof Golden Wax. An improvement on the original Golden Wax. The pods grow long, nearly straight, broad, flat and are clear yellow. Pkt., 10 cts., postpaid. By express or freight, at purchaser's expense, lb., 35 cts.; 2 lbs., 60 cts. (If by Parcel Post add as noted above); 10 lbs., $2.50.

Wardwell's Kidney Wax. (See cut.) A popular variety, bearing long, flat pods of a delicate waxy-yellow and stringless. Pkt., 10 cts., postpaid. By express or freight, at purchaser's expense, lb., 35 cts.; 2 lbs., 60 cts. (If by Parcel Post add as noted above); 10 lbs., $2.50.

DWARF VARIETIES OF SHELL BEANS

For winter use plant up to the middle of July.

Boston Pea, or Navy Bean. A small white Bean which is used in soup, or for baking. Pkt., 10 cts., postpaid. By express or freight, at purchaser's expense, lb., 30 cts.; 2 lbs., 55 cts. (If by Parcel Post add as noted above); 10 lbs., $2.25.

White Marrowfat. Extensively grown as a dry Bean for winter use. Pkt., 10 cts., postpaid. By express or freight, at purchaser's expense, lb., 30 cts.; 2 lbs., 55 cts. (If by Parcel Post add as noted above); 10 lbs., $2.25.

BEETS

For winter keeping use Edmand's Blood Turnip and Bastian's Half Long Blood. Sow from middle of June to middle of July.

Edmand's Blood Turnip. (See cut.) A good variety to follow extra early sorts, and one of the best for winter use. Grows with a short top and the skin is dark red, while the flesh is purple, slightly zoned and of good quality, being sweet and tender, and a very good keeper. Pkt., 5 cts.; oz., 15 cts.; ¼ lb., 45 cts.; lb., $1.50.

Bastian's Half-Long Blood. A fine variety for either spring or winter use. The roots are smooth; flesh bright red, quality excellent and a good keeper. For winter use the seed should be sown early in July. Pkt., 5 cts.; oz., 15 cts.; ¼ lb., 45 cts.; lb., $1.50.

Dreer's Special Crosby's Egyptian. This special selection of extra early Beet is a great improvement over the ordinary Crosby Egyptian, and is valuable both for the private gardener and those who grow Beets for market. The skin is very smooth, bright red and flesh-vermilion, very sweet and tender. Pkt., 10 cts.; oz., 20 cts.; ¼ lb., 60 cts.; lb., $2.00.

CAULIFLOWER

For the winter crop of Cauliflower sow seed during June or July, and set the plants out on a cloudy day.

Half Early Paris. A popular white sure-heading variety, good for early or late use. Pkt., 10 cts.; ½ oz., 60 cts.; oz., $1.00.

Lenormand's Short Stem. A large, late, short-stemmed variety. Very hardy and makes a handsome head. Pkt., 10 cts.; ½ oz., 60 cts.; oz., $1.00.

Algiers. An extra fine late variety, which is very dependable for the amateur. Pkt., 10 cts.; ½ oz., 60 cts.; oz., $1.00.

Veitch's Autumn Giant. One of the finest late varieties. The heads grow to a large size, very solid and compact, and continue fit to use over a long season. Pkt., 10 cts.; ½ oz., 50 cts.; oz., 85 cts.

CARROT

For fall aud winter use, Carrots should be sown from the middle of Juue to the middle of July, using seed of Danver's Half-Long Orange, Rubicon and Nichol's Improved Long Orange.

Danver's Half-Long Orange. A rich orange-red variety, very smooth and handsome, producing very large crops. The roots taper to a blunt point; flesh sweet, crisp and tender. Pkt., 5 cts.; oz., 15 cts.; ¼ lb., 45 cts.; lb., $1.50.

Improved Rubicon. Grows about the same length as Danver's but thicker, and a rich dark orange in color. Coreless, very tender and of excellent quality. Pkt., 5 cts.; oz., 15 cts.; ¼ lb., 45 cts.; lb., $1.50.

Nichol's Improved Long Orange. A fine selection of the Long Orange Carrot. Sometimes attains 12 inches in length and is quite thick. Good for table use and feeding stock. Pkt., 5 cts.; oz., 15 cts.; ¼ lb., 45 cts.; lb., $1.50.

SWEET CORN

Plant up to July 20th. July 5th use Stowell's Evergreen, or Country Gentleman. July 15th use Stabler's Early and July 20th Dreer's Aristocrat or Golden Bantam.

SWEET CORN BY PARCEL POST

Prices for Sweet Corn of all kinds are for same by express or freight at purchaser's expense. If wanted sent by Parcel Post, add as follows: To points east of Mississippi River, 7 cts. lb.; west of Mississippi River, 12 cts. lb.

Stowell's Evergreen, Improved. This well-known variety is largely planted for the late, or main crop and is very productive. The ears grow to a large size and grains are very tender and sugary. It remains in good condition, suitable for cooking, for a long time. Pkt., 10 cts., postpaid. By express or freight, at purchaser's expense, lb., 35 cts.; 2 lbs., 60 cts. (if by Parcel Post, add as stated above); 10 lbs., $2.50.

Country Gentleman, Little Gem, or Shoe Peg. A popular variety which ripens about same time as Stowell's Evergreen. Ears medium size, deep grains in irregular rows, deliciously sweet, tender and milky. Pkt., 10 cts., postpaid. By express or freight, at purchaser's expense, lb., 40 cts.; 2 lbs., 70 cts. (if by Parcel Post add as stated above); 10 lbs., $3.00.

Stabler's Early. (See cut.) Of much larger size than usual for the second early Sweet Corn and of most delicious flavor. The grains are broad, very tender and sweet. This is the best variety for planting up to July 15th. And the most desirable of the intermediate sorts. Pkt., 10 cts., postpaid. By express or freight, at purchaser's expense, lb., 35 cts.; 2 lbs., 60 cts. (if by Parcel Post add as stated above); 10 lbs., $2.50.

Dreer's Aristocrat. This delicious Sweet Corn was first introduced by us a few years ago. It is an extra early variety, ripening with the Cory. The grains are extremely sweet, and, being broad, allow of easy scoring with a knife preparatory to buttering when eating from the cob. Pkt., 10 cts., postpaid. By express or freight, at purchaser's expense, lb., 40 cts.; 2 lbs., 70 cts. (if wanted by Parcel Post add as stated above); 10 lbs., $3.00.

Golden Bantam. Grains are yellow and ears measure about five inches in length, and grains very sweet. Pkt., 10 cts., postpaid. By express or freight, at purchaser's expense, lb., 40 cts.; 2 lbs., 70 cts. (if by Parcel Post add as stated above); 10 lbs., $3.00.

CORN SALAD (Fetticus)

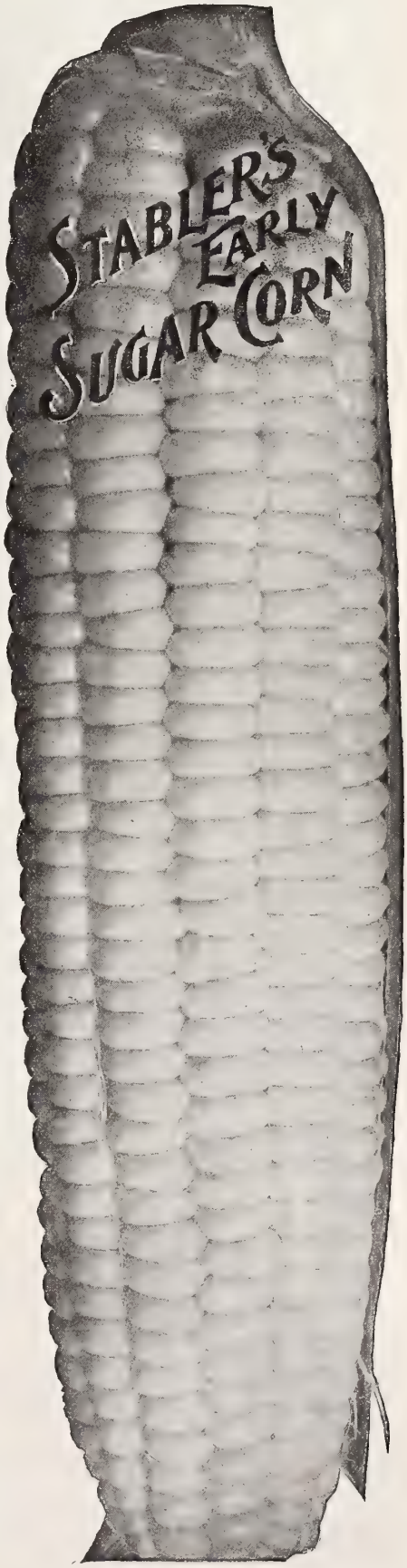
An excellent salad plant which is used as a substitute for spinach. The seed is sown during August and September and plants covered with litter upon the approach of frost.

Large Seeded. A strong growing variety which is of a large size and produces long, narrow leaves and is of good quality. It is the best variety for the home garden. Pkt., 5 cts.; oz., 20 cts.; ¼ lb., 50 cts.; lb., $1.75.

COLLARDS

Culture.—In the southern states seed of Collards may be sown from August to September. The crop is grown like cabbage and plants may either stand in the seed row, or be transplanted.

Creole or Southern. Cabbage greens, used as a substitute for Cabbage in the South. Grows two or three feet high and forms a bunch of leaves on the long stems. Pkt., 5 cts.; oz., 10 cts.; ¼ lb., 30 cts.; lb., $1.00.



Kale or Borecole

Makes excellent greens for spring use. Sow in September and protect with litter during winter. The green leaves may sometimes be gathered from under the snow.

Dreer's Imperial Long Standing Kale (See cut.) A beautifully curled and crimped variety, which is of strong, vigorous habit, perfectly hardy, bright green color, and very attractive appearance. The plant is of spreading habit of growth, the leaves are large and furnish an abundance of greens during the fall, winter and spring. Pkt., 10 cts.; oz., 25 cts.; ¼ lb., 75 cts.; lb., $2.50.

Dwarf Green Curled. Leaves yellowish-green, very compact and beautifully curled, This variety is hardy, and the flavor is improved rather than harmed by frost. Leaves are long, deeply cut, finely curled and quite ornamental. Pkt., 10 cts.; oz., 25 cts.; ¼ lb., 70 cts.; lb., $2.25.

Dwarf Curled Scotch. Leaves bright green, curled, very tender and fine flavored. It is largely grown in the Southern States, also very hardy in the North, and the quality and flavor are excellent. Pkt., 10 cts.; oz., 25 cts.; ¼ lb., 70 cts.; lb., $2.25.

CUCUMBER

Seed may be sown until July 15, and for slicing we recommend Klondike, or if wanted for pickles use Early Russian, Green, Prolific, Everbearing or Long Green.

Early Russian. One of the earliest varieties. The fruit is small and the quality is very good. Pkt., 5 cts.; oz., 15 cts.; ¼ lb., 45 cts.; lb., $1.50.

Green Prolific. This is a very good pickling variety; dark green skin and exceedingly productive, medium size. Pkt., 5 cts.; oz., 15 cts.; ¼ lb., 45 cts.; lb., $1.50.

Everbearing. Produces pickles and cucumbers until frost kills the vines. Very productive; fruits of all sizes on the vines at the same time. Pkt., 5 cts.; oz., 15 cts.; ¼ lb., 45 cts.; lb., $1.50.

Long Green (*Jersey Pickle*). Fruits long, firm and crisp. Use small size for pickles and large for sweet pickles. Pkt., 5 cts.; oz., 20 cts.; ¼ lb., 50 cts.; lb., $1.75.

Early Fortune. This new Cucumber was discovered several years ago in a field of "Davis Perfect." The vines make a strong growth, producing abundant crops of Cucumbers, which are slightly longer than Arlington White Spine, more cylindrical in shape and have a very dark green skin. The flesh is thick, seed cavity relatively small, and the quality is excellent. This variety is one of the best introduced in years. Pkt., 10 cts.; oz., 20 cts.; ¼ lb., 60 cts.; lb., $2.00.

Klondike. One of the best for slicing. The color is rich dark green, and the fruit grows to a uniform size, measuring about seven inches in length and two inches thick when in good condition for use. Excellent for growing during summer. Pkt., 10 cts.; oz., 20 cts.; ¼ lb., 60 cts.; lb., $2.00.

ENDIVE

This salad vegetable should be more largely grown, as its culture is very easy. For fall use the seed may be sown until August, and as it only requires about the same time to grow as lettuce, it makes an excellent fall vegetable.

Dreer's Giant Fringed. A strong-growing variety with large white heart and broad stems; good for fall and winter and fine for decorative purposes. Pkt., 10 cts.; oz., 25 cts.; ¼ lb., 75 cts.

Green Curled Winter. Standard sort for fall and winter crop; when tied up this variety blanches splendidly. Pkt., 10 cts.; oz., 20 cts.; ¼ lb., 50 cts.

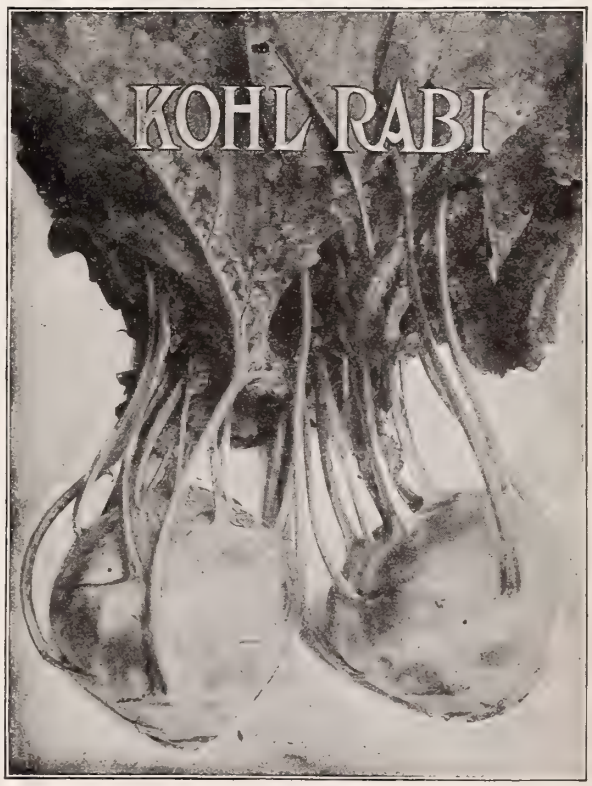
Broad-leaved Batavian (*Escarolle*). Leaves broad, light green, nearly plain. Used in stews, soups and as a salad. Pkt., 10 cts.; oz., 20 cts.; ¼ lb., 50 cts.

KOHL-RABI

Bulb grows above the ground and looks like a leafy turnip. Seed may be sown until middle of summer. It is usually boiled and served with a dressing, and has the combined flavor of the cabbage and turnip.

Early White or Green Vienna Kohl-Rabi. Flesh white and tender; a standard sort for market and table use. Good forcing. This variety has a very short top, and forms the ball quickly, thus making it particularly desirable on account of earliness. Pkt., 10 cts.; oz., 30 cts.; ¼ lb., $1.00.

Early Purple Vienna Kohl-Rabi. A small, early variety. Skin purple, but flesh white and of good flavor. Pkt., 10 cts.; oz., 30 cts.; ¼ lb., $1.00.



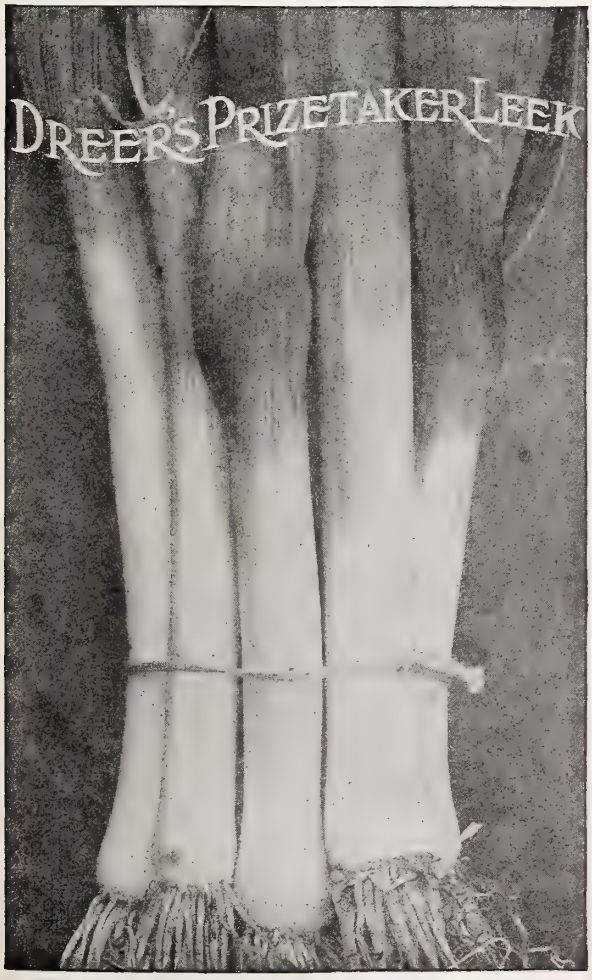
LETTUCE

You should have Lettuce growing in your garden until frost. Frequent planting should be made until October, and for sowing during the hot summer months the following varieties are well adapted:

Dreer's "All Heart." (See cut.) This Cabbage Lettuce was introduced by us several years ago, and has continually grown in favor. It is excellent for both spring and summer use, as it stands the hot weather very well. It is of a yellowish-green color, and forms a solid heart, even before it is half grown. It is of superior flavor. It is also sometimes used for forcing under glass. Pkt., 10 cts.; ½ oz., 25 cts.; oz., 40 cts.; ¼ lb., $1.25.

Dreer's Wonderful. This is the Lettuce which is grown so largely in California and shipped throughout the whole country. It is a very popular variety for summer planting, and the large white heads resemble cabbage in their solidity, frequently weighing 2 and 3 lbs. each. The quality is superb, being crisp, rich and tender. Pkt., 10 cts.; oz., 30 cts.; ¼ lb., $1.00.

Dreer's Improved Hanson. This Superior Lettuce, which we originally introduced, is excellent for summer. The heads grow to a reasonable size, and are solid, sweet, tender and crisp. For outdoor culture it is unequalled. Pkt., 10 cts.; oz., 30 cts.; ¼ lb., 85 cts.



French Unrivaled. A sure-heading variety, which is suitable for growing at any season. Forms large, compact, buttery heads, and is slow to shoot to seed. The general character is similar to "Big Boston," except that the color is a lighter green and leaves are not tinged with brown. Pkt., 10 cts.; oz., 40 cts.; ¼ lb., $1.25.

Mammoth Salamander. A large buttery cabbage-heading variety. Pkt., 10 cts.; oz., 30 cts.; ¼ lb., 85 cts.

Improved Deacon. An old and reliable variety. A good summer cabbage sort; light in color and very crisp. Pkt., 5 cts.; oz., 25 cts.; ¼ lb., 75 cts.

California Cream Butter. Produces a large white head and stands heat. Pkt., 5 cts.; oz., 25 cts.; ¼ lb., 75 cts.

LEEK

This vegetable belongs to the onion family, but is milder in flavor. The seed may be sown in August or September, and plants transplanted early in the following spring.

Dreer's Prizetaker Leek. (See cut.) This leek grows very long and thick, pure white and attractive in appearance. On account of its size and general appearance, this variety is an ideal one for growing to show at exhibitions in the fall. Pkt., 10 cts.; oz., 45 cts.; ¼ lb., $1.25.

London, or American Flag. A popular sort, which makes a good growth, is hardy and of good quality. Pkt., 5 cts.; oz., 30 cts.; ¼ lb., 80 cts.

PARSLEY

Excellent for garnishing meats and salads. The roots may be taken up in the fall, planted in boxes or pots and grown in a sunny window for winter use.

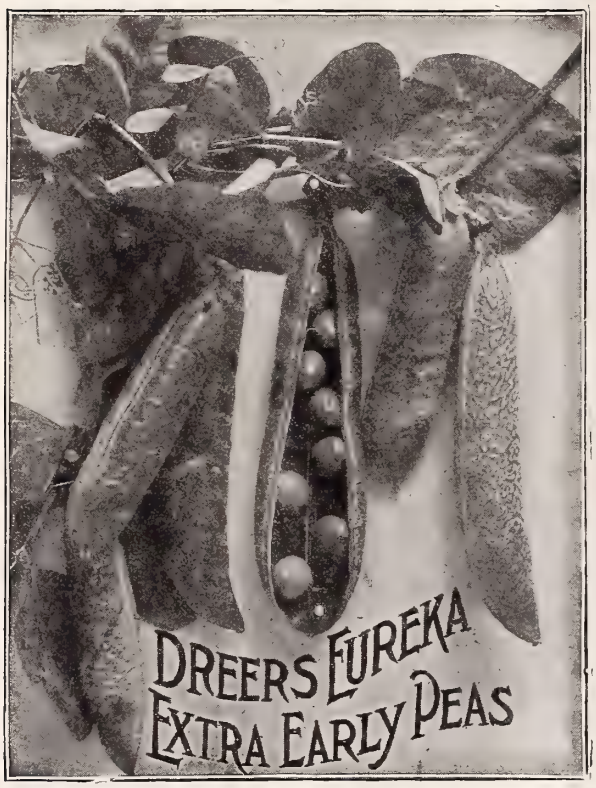
Dreer's Dwarf Perfection. A compact variety, with fine curled leaves, closely set. Color bright pea-green, and the flavor surpasses all other varieties of Parsley. Pkt., 10 cts.; oz., 30 cts.; ¼ lb., $1.00; lb., $3.50.

Dreer's Summer Green. Especially adapted for summer crop. It is a strong and vigorous grower, and produces large, finely curled leaves which are of beautiful dark green color. Pkt., 10 cts.; oz., 25 cts.; ¼ lb., 70 cts.; lb., $2.25.

Champion Moss Curled. A distinct variety, beautifully curled. Pkt., 5 cts.; oz., 15 cts.; ¼ lb., 45 cts.; lb., $1.50.

Plain. Leaves not curled, but are flat in shape. Pkt., 5 cts.; oz., 15 cts.; ¼ lb., 45 cts.; lb., $1.50.

Fern Leaved. Dark green. Stands winter if covered before frost. Pkt., 10 cts.; oz., 25 cts.; ¼ lb., 70 cts.; lb., $2.25.



Gradus, or Prosperity. This splendid variety of wrinkled Pea combines the finest quality with extreme earliness, and is also very productive. Grows vigorous and healthy; vines about three feet in height, bearing pods fully as large as Telephone, and which are well filled with beautiful light green Peas, which color they retain after being cooked. The quality and flavor are delicious, and a valuable feature with the "Gradus" is, that the Peas remain tender and sweet for a long time after having been picked from the vines. Pkt., 10 cts., postpaid. By express or freight, at purchaser's expense, lb., 50 cts.; 2 lbs., 90 cts. (if by Parcel Post, add as stated at top of page); 10 lbs., $4.00.

Dreer's Selected Garden Peas

Peas do not do well if planted during hot weather, but sowings of the early sorts, made in August, generally bring good results, and it is nice to have green peas fresh from the garden during the early fall months. Dreer's Eureka and Dreer's Electric Extra Early Peas are especially desirable for this purpose.

PEAS BY PARCEL POST

The prices given in this catalogue for Peas of all kinds are for same to be sent by express or freight at purchaser's expense. If wanted sent by Parcel Post, remit extra as follows:

To points East of Mississippi River, 7 cts. per pound.
To points West of Mississippi River, 12 cts. per pound.

Dreer's Eureka Extra Early. (See cut.) One of the earliest and most prolific extra early varieties, which has given good results wherever grown. Vines grow to a height of about 20 inches, and are very robust, bearing an abundant crop of pods which measure about 2½ inches in length, and are well filled with peas of excellent flavor. It is an extremely even cropper, and can be gathered clean in two pickings; height 20 inches. Pkt., 10 cts., postpaid. By express or freight, at purchaser's expense, lb., 40 cts.; 2 lbs., 70 cts. (If by Parcel Post, add as stated at top of page), 10 lbs., $3.00.

Dreer's Electric Extra Early. This has been our leading variety of Extra Early Peas for years, and is the best of the small, round, blue-seeded extra early sorts. The vines grow very uniform, and attain a height of 2½ feet, bearing an abundant crop of medium size, dark green pods, which are well filled with Peas of good flavor. It is not only valuable for early use, but is especially adapted for planting in August. Pkt., 10 cts., postpaid. By express or freight, at purchaser's expense, lb., 40 cts.; 2 lbs., 70 cts. (if wanted by Parcel Post, add as stated at top of page); 10 lbs., $3.00.

Nott's Excelsior. An improvement on American Wonder, being fully as early, and the pods are larger, measuring nearly three inches. The vines make a healthy growth, and produce a large number of pods which are well filled with very sweet and finely flavored peas. Desirable for market and home use; height 14 inches. Pkt., 10 cts., postpaid. By express or freight, at purchaser's expense, lb., 45 cts.; 2 lbs., 80 cts. (if by Parcel Post, add as stated at top of page); 10 lbs., $3.50.

Surprise Pea. Grows 2 feet high, and is very sweet. Pkt., 10 cts., postpaid. By express or freight, at purchaser's expense, lb., 45 cts.; 2 lbs., 80 cts. (if by Parcel Post, add as stated at top of page); 10 lbs., $3.50.

SPINACH

A very healthful vegetable, easy to grow.

Dreer's Round-seeded Savoy. (See cut.) This is the hardiest large Savoy-leaved; curled and crimpled, with thick, fleshy leaves; excellent for family use, and best of all for fall sowing. Pkt., 5 cts.; oz., 10 cts.; ¼ lb., 25 cts.; lb., 75 cts.

Victoria. This variety is of remarkably fine texture, of the deepest green color, heavily crimpled; thick, fleshy leaves, deep red stem; it is now grown extensively by the truckers of our markets, who value it highly. Pkt., 5 cts.; oz., 10 cts.; ¼ lb., 30 cts.; lb., 85 cts.

Long Season. Sowings can be made during the Summer. The leaves are a rich dark green color, very thick, crimped and of splendid quality. Pkt., 5 cts.; oz., 10 cts.; ¼ lb., 30 cts.; lb., 85 cts.

New Zealand. This endures heat and is best for summer, as it continues to grow, and may be used throughout the season. Pkt., 10 cts.; oz., 20 cts.; ¼ lb., 60 cts.; lb., $2.00.

SUCCESSIVE PLANTINGS

Many amateurs overlook the value of planting vegetable seeds as long as there is a chance of the crop maturing before frost. Do not be in this class, but get all you can from your garden by replanting as soon as any space is made available by the maturing of crops.

RADISH

Sow Radish Seed about every two weeks, growing only about what quantity you can use between crops. Summer varieties should be used for planting during July and August, as they withstand hot weather better than the early sorts. For winter use sow seed of the Winter Varieties in July, and they can be harvested before severe frosts and stored in sand in a cool cellar.

SUMMER VARIETIES

Icicle Radish. A long Radish, transparent white, small top, allowing close planting, and is very crisp and brittle. The Radishes remain in good condition for a long time while growing, allowing continuous use from one planting. Pkt., 5 cts.; oz., 20 cts.; ¼ lb., 50 cts.; lb., $1.75.

Dreer's White Delicacy. An attractive white variety, which is a great improvement on the White Strasburg, being earlier, more evenly shaped and smaller top. It grows from 4 to 5 inches in length, tapers to a point and the flesh is very tender. Pkt., 10 cts.; oz., 20 cts.; ¼ lb., 60 cts.; lb., $2.00.

Long White Vienna, or Lady Finger. Skin and flesh are pure snow-white. Crisp and of rapid growth. Pkt., 5 cts.; oz., 15 cts.; ¼ lb., 45 cts.; lb., $1.50.

White Strasburg. Roots oblong; pure white; mild flavor. Can be used while quite small. Pkt., 5 cts.; oz., 15 cts.; ¼ lb., 45 cts.; lb., $1.50.

Beckert's Chartier. A long crimson Radish, which is shaded white at tip. A good variety for summer use. Pkt., 5 cts.; oz., 15 cts.; ¼ lb., 45 cts.; lb., $1.50.

WINTER VARIETIES *Sow in July.*

White Chinese or Celestial. (See cut.) The best Winter Radish. It is stump-rooted, and even when large the Radishes are solid, crisp and of a mild flavor. The skin is pure white, and Radishes may be used at all stages of growth. Pkt., 5 cts.; oz., 20 cts.; ¼ lb., 50 cts.; lb., $1.75.

Scarlet China. Roots are oblong in shape and bright rose color. Flesh white, crisp and pungent. Pkt., 5 cts.; oz., 20 cts.; ¼ lb., 50 cts.; lb., $1.75.

Long Black, and Long White Spanish. Both hot in flavor and good keepers. Price, each pkt., 5 cts.; oz., 20 cts.; ¼ lb., 50 cts.; lb., $1.75.

TURNIP

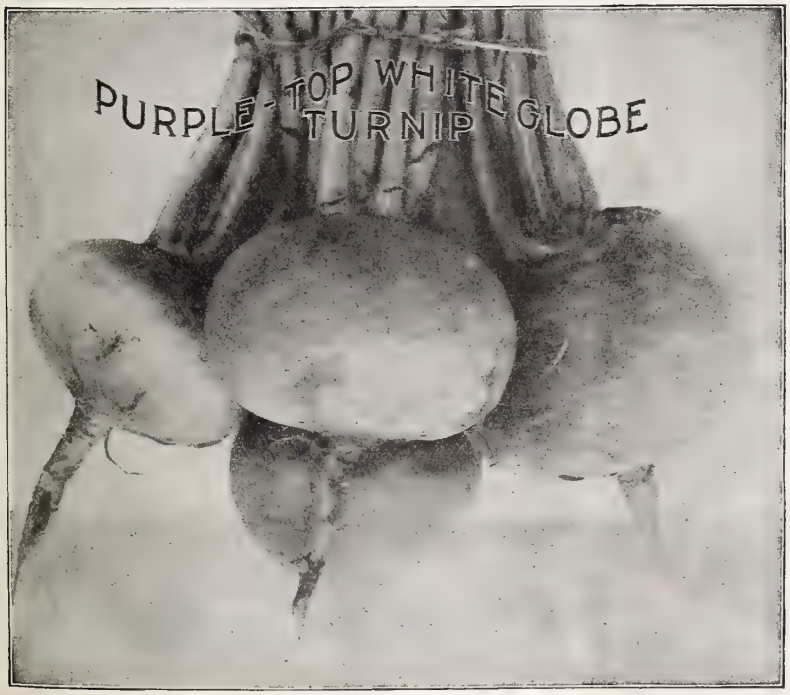
This is an autumn cropping plant, and seeds may be sown as late as the early part of August. For winter use store away in a cool cellar and cover with a few inches of dry earth.

Purple-Top White Globe. (See cut.) Globular shape, handsome and of superior quality, either for the table or stock. A heavy producer, early, and a good keeper. It is the leading variety of turnip, and considered the best kind to grow. Pkt., 5 cts.; oz., 10 cts.; ¼ lb., 30 cts.; lb., $1.00.

Red or Purple-Top (*Strap-Leaf*). This strap-leaf variety is good for early spring and fall use; top red or purple above ground, flesh fine grained, mild flavor. Pkt., 5 cts.; oz., 10 cts.; ¼ lb., 30 cts.; lb., $1.00.

Snowball. A fine looking, pure white variety which matures in from six to seven weeks. The bulbs have a smooth white skin, are nearly round, and may be used while small. Pkt., 10 cts.; oz., 20 cts.; ¼ lb., 60 cts.; lb., $2.00.

Early White Egg. Egg-shaped and very smooth, with thin skin. The tops are small and roots which grow partly above the ground are of medium size, pure white flesh, and the skin is fine grained and sweet. Pkt., 10 cts.; oz., 20 cts.; ¼ lb., 60 cts.; lb., $2.00.



Yellow Globe (*Amber Globe*). One of the best yellow turnips for a general crop. It produces a globe-shaped root, with smooth skin and light yellow flesh, which is firm and sweet. It grows to a large size, excellent for table use or feeding stock, and keeps well until late in the spring. Pkt., 5 cts.; oz., 10 cts.; ¼ lb., 30 cts.; lb., $1.00.

RUTABAGA

These are larger than the ordinary turnip and used both for the table and feeding stock. The seed should be sown before the end of July, and they may be stored in cellar same as turnips.

Dreer's Improved Purple-Top. This special strain is remarkable for uniform shape and fine quality. It grows to a large size; skin is smooth, flesh yellow and fine-grained. The flavor is good, being very sweet. Pkt., 5 cts.; oz., 15 cts.; ¼ lb., 45 cts.; lb., $1.50.

American Purple-Top. Very hardy and productive; flesh yellow, solid, sweet; good for stock or table use. Pkt., 5 cts.; oz., 15 cts.; ¼ lb., 40 cts.; lb., $1.25.

Budlong's Improved. White, very sweet, much milder flavor than any of the other sorts; globe-shaped. Pkt., 5 cts.; oz., 15 cts.; ¼ lb., 45 cts.; lb., $1.50.

FARM SEEDS FOR SUMMER SOWING

PRICES SUBJECT TO CHANGE WITHOUT NOTICE

Write for Samples and Prices on any Field Seed wanted and not offered on this page

MANGELS AND SUGAR BEETS

	Oz.	By Mail. ¼ lb.	Lb.	By Express. 10 lbs.
Mangel Wurzel—				
Mammoth Long Red	10	25	75	$6 00
Red Globe	10	25	75	6 00
Golden Tankard	10	25	75	6 00
Yellow, or Orange Globe	10	25	75	6 00
Sugar Beets—				
Klein Wanzleben	10	25	75	6 00
Lane's Improved White Sugar	10	25	75	6 00

MILLETS

Golden Millet (*Southern-grown*). A valuable annual hay and fodder crop, medium early, 4 to 5 feet high. Sow 1 bushel to acre. Write for price, stating quantity wanted.

Hungarian Millet (*Panicum Hungariensis*). An annual forage plant, early and productive, growing 2 to 3 feet high, with an abundance of foliage. Sow 1 bushel to the acre. Write for price, stating quantity wanted.

Japanese Barnyard Millet (*Panicum Crus-galli*). An excellent fodder plant; grows 6 to 8 feet high. Sow between middle of May and end of July. Lb., 40 cts., postpaid. By express or freight, at purchaser's expense, 10 lbs., $2.50; 50 lbs., $11.00; 100 lbs., $20.00.

DWARF ESSEX RAPE

A foliage plant of highest value. For fall crop sow in July, August and September. It is sown broadcast, 10 lbs. to the acre, but is better drilled, in which case 5 lbs. to the acre will suffice. In few weeks from time of sowing, sheep, hogs or cattle can be turned on it. Per lb., 35 cts., postpaid. Write for price, stating quantity desired.

BUCKWHEAT

Japanese. The best variety. Makes strong growth, and kernel is large. Write for price, stating quantity wanted.

CRIMSON OR SCARLET CLOVER

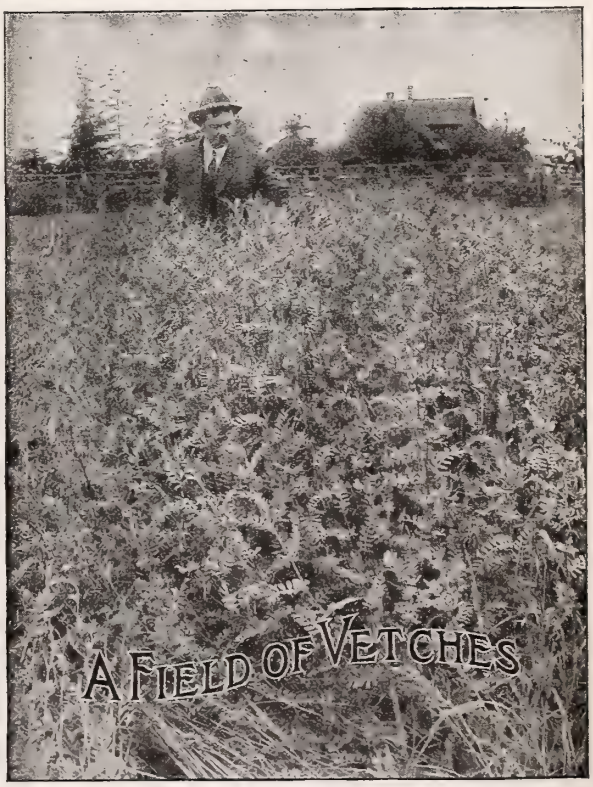
Crimson Clover has become wonderfully popular both for pasture and hay crop, also as a green manure for plowing in. It can be seeded at any time from June to October at the rate of 15 to 20 lbs. per acre, and makes the earliest possible green pasture, blooming the latter part of April or May, and for feeding as hay should be cut just before coming into full bloom. One acre grown at the New Jersey Experimental Station yielded, May 31, 6997 pounds of organic matter, 312 pounds of nitrogen, 52 pounds of phosphoric acid and 186½ pounds of potash. The nitrogen alone was fully equal to that found in 20 tons of stable manure, and at such a small cost. It not only builds up worn out soils, when turned under, but rich soils are kept up to their fertility with less cost than by any other means. Lb., 35 cts., postpaid. Write for special circular and price of seed per bushel.

VETCH

Winter Vetches, or Tares (*Vicia Villosa*). Also called Sand Vetch, or Hairy Vetch. Recommended for fall sowing with rye, which serves as a support. It is perfectly hardy in all parts of the country, and maturing fully four weeks earlier than Scarlet Clover, it can be harvested or plowed under and the ground used for the usual spring crops. It is the best green-manure crop that can be grown. Lb., 45 cts., postpaid. Bushel, 60 lbs. Write for Leaflet and price.

ALFALFA (Medicago Sativa)

It is an established fact that Alfalfa sown during August will prove more satisfactory than when sown during the spring, especially if American-grown seed is sown. After once established it will produce three to four heavy cuttings in a season, making a total of from three to six tons of nutritious hay per acre. We handle only high-grade American Grown Seed of Alfalfa, and will be pleased to send sample and price on application. We have published a Special Leaflet on Alfalfa, which tells how and when to prepare the land, sow seed, cure and harvest the crop. A copy mailed free on request.

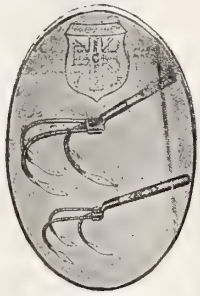


Tool, Implement and Supply Department

FOR COMPLETE LIST OF GARDEN TOOLS SEE OUR 1921 GARDEN BOOK

Wire Carnation Support

Axes. Best quality, 3½ pounds, $2.50; 4 pounds $3 00
Brooms. (Stable.) Push, rattan or fiber 1 50
Upright, reed or corn 1 00
Bowls. Green, for bulbs, 6-inch, 60 cts.; 8-inch 75
Carnation Supports. Wire, 2-ring, dozen, $1.00; 3-ring, dozen 1 25
Cider Mills. Junior, $35.00; Medium 38 50
Cultivator. Norcross Garden Hoe and Weeder. The most popular tools for the garden, made in three sizes, viz.:
5-Prong Cultivator Hoe and Weeder, long handle 1 25
3-Prong " " " " " " 1 00
3-Prong Midget, short handle 50
Pull Easy Cultivator and Weeder. 4-prong 40
Dock Extractors. Heavy, for field use 3 50
Dock or Weed Lifter. Small, 17 inches, $1.00; large, 25 inches 1 15
Fertilizer Distributor. Kinney Pump for liquids 2 50
Gloves. For Gardening. Buckskin, $2.50; Horsehide 3 00
Grass Edger. McWhorter 5 00
Grass Hooks or Sickles. English, riveted back, No. 0, 85 cts.; No. 2, 90 cts.; No. 3, 90 cts.; No. 4 ..... 1 00
Little Giant, 75 cts.; English Solid, 90 cts.; Dreer's 65



Norcross Weeder

Labels. Wood, painted, for pots:

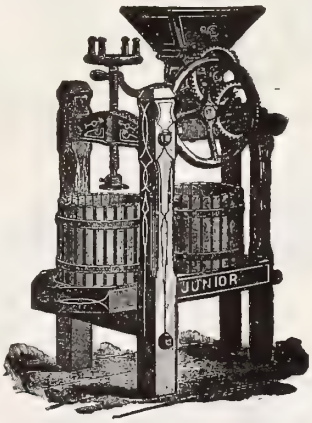
Size.	Per 100.	Per 1000.
4 inches	$0 25	$ 1 60
4½ "	30	1 70
5 "	35	2 00
6 "	40	2 50
8 "	90	7 50
10 "	1 20	9 50
12 "	1 40	12 50

Wire Pot Hanger

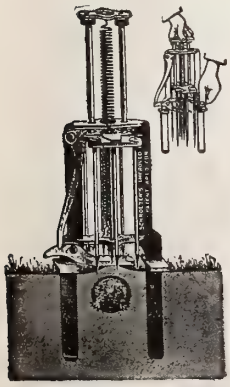
3½ inch wood, for trees, shrubs, etc., copper wired, per 100, 40 cts.; per 1000 ..... 2 50
Copper, No. 2, dozen, 35 cts.; gross 3 50
Copper, light, No. 2, dozen, 30 cts.; gross 3 00
Zinc, small, per 100, $1.50; medium, per 100 ..... 2 00
Label Ink. Indelible, for zinc labels, per bottle 35
Label Pencils. Special black, each 10 cts.; per dozen 1 00
Leaf Racks. Keystone, can be attached to any wheelbarrow 7 50
Mole Traps. Schroeter, one of the best, $2.00; Reddick 1 25
Out-O-Sight 1 35
Pot Hangers. For 5, 6, 7 and 8-inch pots, each 7 cts.; dozen 60
Rakes. Lawn. The "Gem" Dandelion Lawn Rake. The most perfect tool yet introduced. A thorough eradicator of dandelion, plantain and other lawn weeds. Strong and durable. A perfect lawn comb. Steel teeth and frame, 15½ inches wide, 31 teeth, $2.50; 23 inches wide, 46 teeth 3 50
Hustler, galvanized steel wire, 24 teeth, $1.00; 36 teeth 1 25
Lawn King, wood, 22 teeth, 75 cts.; 26 teeth, $1.00; 38 teeth, $1.25; 50 teeth 1 50
Automatic, self-cleaning, wood, 22 teeth, $1.00; 26 teeth, 1.25; 38 teeth, $1.50; 50 teeth 2 00
Ames', wood, 24 teeth 1 50
Ole Olsen, 25 teeth, the teeth are close set and well made 1 25
Saws. Disston's Orchard Pruning Hook and Saw, curved saw 3 50
Disston's Little Giant Pruning Hook and Saw, straight saw 3 50
Scissors. Grape-thinning, 7-inch 1 75
Flower Gathering, nickel, 7-inch 1 75
Scythes. English Lawn, riveted back, 30 and 32-inch, $3.00; 34-inch, $3.35; 36-inch, $3.65; 38-inch 3 75
American Lawn, $2.00; heavy bush, short blades 2 00
Scythe Stones. English style, 30 cts.; Darby, 25 cts.; Carborundum 35
Scythe Snath. Improved pattern 2 25
Shears, Hand-Pruning. Wiss' 9-inch, heavy 3 50
French, 7-inch, $2.00; 8-inch, $2.25; 9-inch 2 5
First Quality, ladies, 6-inch, $1.75; 9-inch 2 75
Second Quality, 8-inch, $1.25; 9-inch 1 50
Volute Springs for all above American Shears 15
Grape Pruning or Thinning 75
Florists' for cut flower wire, 7½ inches 1 35
" " " " " 8 " 1 45
" 10-inch, for heavy wire and tin 1 75

The Kinney Pump

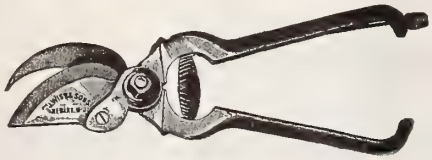
Dock Extractor



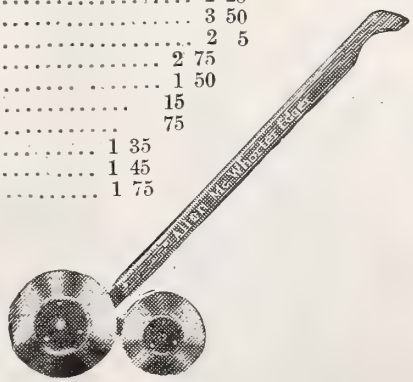
Cider Mills



Schroeter Mole Trap



Wiss' Shears



McWhorter Edger

Shears. Grass Border (American), without wheel, 8 in., $3.25; 9 in., $3.50; 10 in. $3 75
Grass Border (American), with wheel, 8 in., $3.75; 9 in., $4.00; 10 in. 4 50
Grass Border (Imported), without wheel, 8 in., $5.00; 9 in., $5.25; 10 in. 6 00
Grass Border (Imported), with wheel, 8 in., $5.25; 9 in., $6.00; 10 in. 6 50
Lawn, with 2 wheels, for under trees and fences, 9 in., $4.00; Imported 6 00
Hedge, American, with notch, 8 in., $2.25; 9 in., $2.50; 10 in., $3.00; 12 in., $4.00; Imported, 8 in., $3.00; 9 in., $4.00; 10 in., $4.75; 12 in. 6 00
Ladies', 5½ in., American, $1.50; Imported 2 75
Bolt and nut for Hedge Shears 25
Spring for Hedge Shears 10
Lopping, long handle, American, 22 in., $3.25; 24 in., $3.50; 30 in., $3.75; English, No. 1, $5.50; No. 2, $6.00; No. 3, $6.50; No. 4 ..... 7 25
Tree Pruning, Water's, 4 ft., $2.25; 6 ft., $2.50; 8 ft., $2.75; 10 ft., $3.00; 12 ft. 3 25
Tree Pruning, Compound Lever, 8 ft., $3.75; 10 ft., $4.25, 12 feet, $4.50; 14 ft. 4 75
Tree Pruning, Telegraph, without pole 1 75
Sheep or Grass, Imported, 5½ in., $1.60; 7 in. 2 00
Sheep or Grass, American, 5½ in., 90 cts.; 7 in. 1 20

Steel Spud

Sieves. Extra heavy, 18 in., $1.75; 20 in. 2 00
Light, 12 in. 1 25

Soap Mixer 9 00
Spuds. 4 ft. handle, $1.25; 3½ ft. handle 50
Sprayers. See page 45.

Border Shears

Stakes. Light, tapering, round, painted green:

	Each.	Doz.	100		Each.	Doz.	100
1½ ft	$0 04	$0 35	$1 90	3½ ft	$0 12	$1 30	$8 40
2 "	05	45	3 50	4 "	13	1 45	10 00
2½ "	08	75	5 15	5 "	18	1 70	13 40
3 "	09	95	6 80				

Heavy Rose or Dahlia. Round, painted green:

	Each.	Doz.	100		Each.	Doz.	100
3 ft	$0 14	$1 50	10 75	5 ft	$0 22	$2 50	$18 25
4 "	17	1 85	14 25	6 "	28	3 19	22 35

Square. Painted green. A good, strong stake:

	Each.	Doz.	100		Each.	Doz.	100
1½ ft	$0 03	$0 30	$1 85	3½ ft	$0 14	$1 25	$9 00
2 "	06	54	3 50	4 "	17	1 60	12 00
2½ "	07	75	5 50	5 "	25	2 25	16 00
3 "	11	1 00	7 00	6 "	30	2 75	18 00

Plain Unpainted Dowels:

Length.	Diameter.	
42 inches	¼ inch	Doz., 30 cts.; 100, $1 50; 1000, $12 50
42 "	⅜ "	" 30 " " 2 00; " 13 50
42 "	⅝ "	" 40 " " 3 00; " 20 00
36 "	½ "	" 35 " " 2 00; " 16 00

Dyed Green. Add 25 cts. per 100; $2.00 per 1000.

Galvanized Hard Drawn Steel. Wire Stakes:

	Doz.	100		Doz.	100
2 ft	$0 25	$1 50	4 ft	$0 45	$2 50
2½ "	30	1 75	4½ "	50	2 75
3 "	35	2 00	5 "	55	3 00
3½ "	40	2 25	6 "	60	3 25

Telegraph Tree Pruner

Western Cane Stakes. These must not be confused with the Southern stock. While not quite as large, they are much firmer and will outlast the Southern Cane many times over.

	100	500	1000
6 to 8 ft	$3 00	$13 00	$25 00
9 to 12 ft	5 00	27 50	40 00

Syringe. Brass, for Greenhouses.

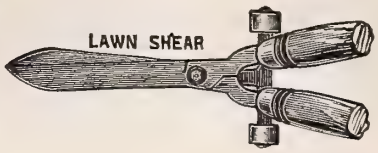
	Each		Each
No. 101, 1 in. x 12 in.	$3 25	No. 103, 1½ in. x 16 in.	$5 75
No. 102, 1¼ in. x 16 in.	4 50	No. 110, 1½ in. x 18 in.	8 00

Compound Lever Tree Pruner

Lopping Shears, Imported

Greenhouse Syringe

Soap Mixer



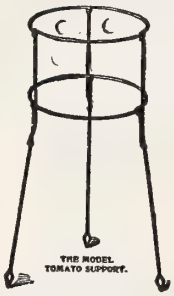
Trellises. Fan Trellis. For small vines, etc..; wood $0 35
Wire, 12 inches, 35 cts.; 15 inches, 40 cts.; 18 inches, 50 cts.; 24 inches 75
Peony or Tomato (wood), each 40 cts.; dozen 4 50
Peony or Tomato (wire), each 35 cts.; dozen 4 00

Wire Trellis for Vines Special Size Trellises Made to Order

Trowels. American steel, 15 cts. and 35
English pattern, steel, strong, 4½ inches, 60 cts.; 6 inches, 65 cts.; 7 inches 75
Steel shank, heavy 75
Transplanting 65

Truck. Combination Barrel, Leaf Rack and Truck
Truck Frame and wood Wheels, 1¼ inch x 30 inch 15 00
Box only, $9.00; Leaf Rack only, $13.00; Barrel only 14 00
Equipped with 1¼ inch steel wheels, extra, $2.50; 3 inch steel wheels, extra, $5.75; 3 inch wood wheels, extra 4 00

Twine. Cotton, green, lb 1 40
Cotton, white, 2, 3 and 5-ply, lb 52
Jute, 2, 3 and 5-ply, lb 40

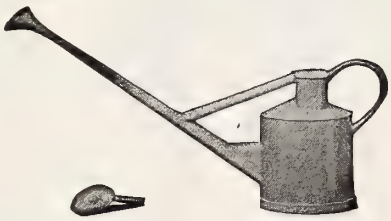


Peony or Tomato Trellis

Watering Cans. Galvanized. Two qualities, heavy and light. The light has one rose. The heavy has brass tips and two copper-faced roses. Extra Roses heavy 75

	Light Round.	Heavy Round.	Heavy Oval.
4 qt	$0 80	$4 50	
6 "	1 00	5 00	$5 50
8 "	1 20	5 50	6 00
10 "	1 30	6 00	6 50
12 "	1 40	6 50	7 00
16 "	1 65	7 00	7 50

Low, for greenhouse, galvanized 2 75
Window Garden. Light weight, painted green, 2 qts., $2.25 4 qts., $2.50; 6 qts 3 50
English style, painted red, 4 qts., $5.00; 6 qts., $5.50; 8 qts., $6.50; 10 qts 10 50
Window Watering Can, 2 qts 2 25



English Pattern Watering Can

Weeders. Excelsior, 15 cts.; Lang's, 25 cts.; Eureka 50
Hazeltine 50
Magic, 35 cts.; Dandelion Lawn Weeder 1 00
(See also Dock Extractors and Spuds.)

Lang's Weeder

Wheelbarrows. No. 4, Garden, 1¾-inch tire 7 50
No. 5, " 1¾ " " 8 25
No. 4, " 3 " " 8 00
No. 5, " 3 " " 8 75
Special Narrow for Greenhouse 12 00
Boys', $7.00; Dreer Special 11 50

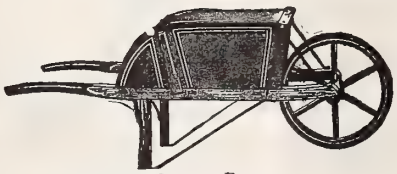
Wine Presses.
No. 1, Tub measures inside, 10 inches x 12 inches 15 50
No 2, " " " 12 " x 14 " 19 00

Steel Shank Trowel (Extra Heavy)

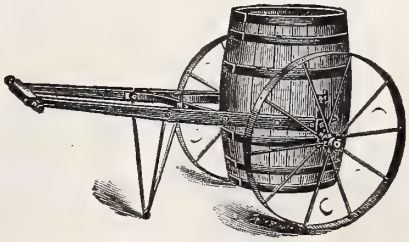
English Pattern Steel Trowel

Wine Press

Eureka Weeder



Dreer's Garden Barrow



Truck and Barrel

Rubber Hose and Hose Attachments

Sherman Hose Clamp

RUBBER HOSE

Riverton Moulded. ¾ inch, per foot, 23 cts.; ½ inch, per foot ..... $ 0 23

Good Quality. ¾ inch, per foot 20

Chicago Electric. ¾ inch, per foot 23

Spray Hose. ⅜ inch, per foot 30

" " Second Quality, ⅜ inch, per foot 15

Wire Wrapping. Extra, per foot 3

Jones' Hose Mender

HOSE ATTACHMENTS

Bands. Hudson, ½ inch and ¾ inch, dozen, 18 cts.; 100 ..... 1 25

Clamps. ⅜ inch, ½ inch and ¾ inch, Galvanized, each, 6 cts.; dozen, 50 cts.; Brass, each, 8 cts.; dozen 75

Couplings. Combination, female, ½ inch hose thread, male, ¼ inch pipe thread, 50 cts.; short coupling 30

Brass Hose Coupler

Nozzle coupling and hose stock. ¼ inch male pipe thread and for ⅜ inch hose, 30 cts.; for ½ inch hose 30

Standard Brass Couplings. ⅜ inch, ¾ inch, and ½ inch 30

Double Spray. Straight Attachments. Two ¼ inch male ends for nozzles, ¼ inch female pipe thread, 65 cts.; Angle attachment 80

Cooper Hose Mender

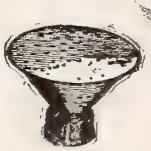
Brass Discharge "Y," cap on one end, double end for ½ inch hose; single end for ¾ inch iron pipe 1 05

Menders. Cooper, each, 10 cts.; dozen 1 00

Jones, each, 8 cts.; dozen 75

Perfection, each, 12 cts.; dozen 1 25

Nipples. One end ¾ inch pipe thread, other ½ inch hose thread; both male 35



Boston Nozzle

Nozzles. Boston, coarse or fine, $1.00; heavy, $1.25; Boss, $1.00; Gem, 90 cts.; Brass Combination, rose and stream 1 50

Nozzle Holder. Wire 25

Reels. Victor, 50 to 100 feet, $3.75; Wirt's, No. 10, 100 feet, $5.50; No. 20, 150 feet, $6.00; No. 30, 500 feet 10 50

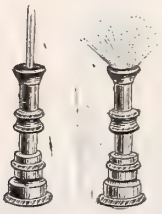
Combination Hose Nozzle

Royal Smooth Faucet Hose Connection. For small spigot, 60 cts.; for standard spigot 65

Shutoffs. For garden hose 1 10

Stopcocks. Leakless with Ball valves, ¼ inch, female pipe thread on both ends, $1.15; with ¾ inch male pipe thread on one end and ½ inch hose thread on the other 1 75

Double discharge Stopcock with Ball Valves, single end, ¾ inch male pipe thread, double end, ½ inch male hose thread 1 75

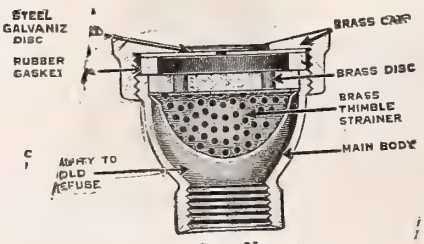


Gem Nozzle

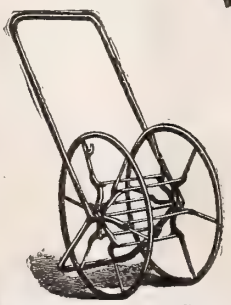
Boss Nozzle

Hose Nozzle Holder

Combination Coupling



Non-Clog Nozzle



Wirt's Iron Hose Reel

Double Spray Attachment

Royal Smooth Faucet Hose Connection

Sprayers and Spray Pumps

Auto Spray. Holds 4 gallons; easily carried; one pumping will spray 10 minutes. Galvanized iron, $7.50; with Auto Pop Nozzle, $8.00; Brass, $11.00; with Auto Pop Nozzle, $11.50; Auto Pop Nozzle separate, $2.00; Brass extension rods, 60 cts. Galvanized extension rod..... $ 50

Utility Sprayer. Automatic; same construction as above, complete Galvanized, $7.50; brass..... 11 00

Auto Spray Pump and Whitewashing Machine. A general purpose sprayer; fitted with 8 feet of hose, 8 feet extension pipe, with Vermorel nozzle; holds 8 gallons. Galvanized, $22.50; brass..... 27 50

Deming's "Gardener's Choice" Spray Outfit. A tank on wheels, holds 25 gallons, fitted with a powerful pump; complete with 6 feet hose and nozzle..... 40 60

Deming's "Century" Barrel Spray Pump. A powerful pump, complete with hose and nozzle, without barrel..... 21 60

"Major" Barrel Spray Pump. A durable pump, has brass chamber complete with hose and nozzle..... 16 90

Samson Double-acting High Pressure Pump. For large orchards. Complete..... 108 00

"Perfect Success" Bucket Pump. One of the best. Complete with hose and nozzle..... 8 80

Success Bucket Pump. Complete with hose and nozzle..... 8 00

Myers' Bucket Pump. For general use. Has a very powerful brass chamber..... 6 00

Knapsack Sprayer Brass. A perfect machine. French made. Complete with hose and nozzle..... 30.00

Rubber Sprinklers. Large, straight or angular neck..... 1 25

" " Small, " " " 1 00

Spray Syringe Atomizer. Tin, small, 45 cts.; large..... 60

Brass, small, 75 cts.; large..... 1 50

Brass, automatic compressed air, $1.50 and $2.00; tin, $1.00; galvanized..... 1 25

Iron Extension Rods. For tree spraying; 4 ft. lengths..... 60

Bamboo Extension Rods. Brass lined, 8 feet..... 5 00

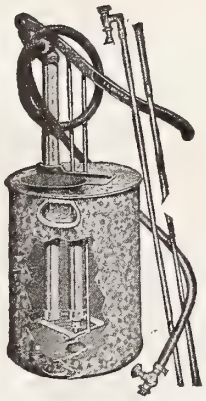
" " " " 10 " 5 90

Woodason's Spray Bellows..... 3 00

Auto Spray

Vermorel Nozzle

Bordeaux Nozzle



"Auto Spray" Pump and Whitewashing Machine

SPRAY NOZZLES

Bordeaux, $1.50; Vermorel, $1.00; Double Vermorel..... 2 25

Demorel, 75 cts.; Non Clog, $1.50; Simplex, 70 cts.; Angle Simplex.... 75

DRY POWDER DISTRIBUTORS

Tin Dusters. For spreading dry powders..... 1 00

Leggett's "Champion" Insecticide Duster..... 14 00

Hand Powder Gun. Holds 4 ozs., 40 cts., postpaid..... 50

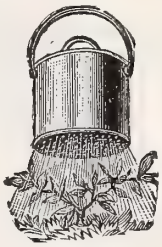
Woodason's Double Cone Bellows..... 6 00

" Large single cone, $4.00; small single cone..... 3 00

" Sulphur Bellows..... 3 50

Niagara Hand Powder Gun..... 3 50

Deming's "Century" Barrel Spray Pump



Tin Powder Duster

Spray Syringe Atomizer

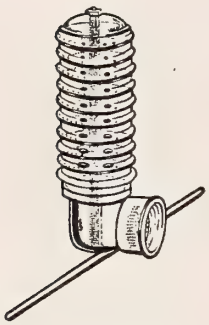
Vermorel Eclair No. 1 French Knapsack Sprayer

Hand Powder Gun

Perfect Success Bucket Pump

Gardener's Choice Spray Outfit

LAWN SPRINKLERS



"B" Lawn Sprinkler

"B" LAWN SPRINKLER

Will cover an oblong or square area. Does not waste water, and distributes it exactly where you want it. Made entirely of brass..... $1 50

CYCLONE SPRINKLER

One of the most popular Lawn Sprinklers. On stand, 12 inches high..... 1 75
On stand, 24 inches high..... 2 50
On sled, base 12 inches high..... 2 25

ENTERPRISE SPRINKLER

A heavy, very strongly made Sprinkler, sled base..... 7 00

FOUNTAIN RING SPRINKLER

Made of heavy brass; gives a finely divided, well distributed mist..... 1 00

"Lawn Twin Sprinkler"

LAWN TWIN

Strong, simple, and will not clog or get out of order. Throws a double spray in perfect circle. 35

PECK'S SPRINKLER

36 inches high, 4-arm Sprinkler..... 4 50
8-arm Sprinkler..... 5 50

PENNSYLVANIA RAINMAKER

With a pressure of 40 to 60 pounds it will distribute water evenly over a circular area 60 to 75 feet in diameter. A small hose nozzle is supplied for low pressure. It can be easily regulated to throw heavy or medium drops, or fine spray..... 25 00

Universal Lawn Sprinkler

RAINBOW SPRINKLER

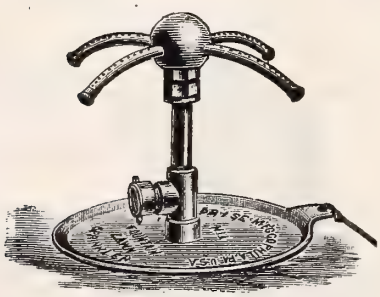
The best small Sprinkler. It is strongly made, and designed to give the least possible friction. With sled base, $3.50; on spur stand..... 3 25

UNIVERSAL LAWN SPRINKLER

The combination of vertical spray coming from the perforated head, with the streams thrown by the arms, produces an even distribution of water. Height, 10 inches.... 2 75

WATERFAN

Covers a rectangular area 12x 60 feet. The distributing pipe oscillates so that the water streams are thrown from a 45 degree position on one side, over the machine, to a 45 degree position on the other side, thus watering with a fine spray on both sides of the machine..... 15 00



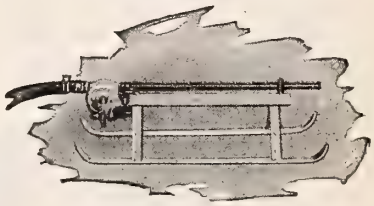
Enterprise Lawn Sprinkler

Water Witch Sprinkler

Water Witch Sprinkler

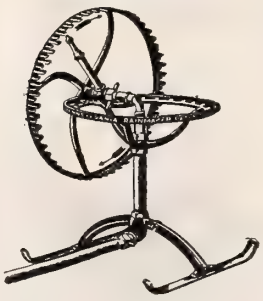
With Spur, 60 cents
On Sled Base, 75 cents

Rainbow Sprinkler

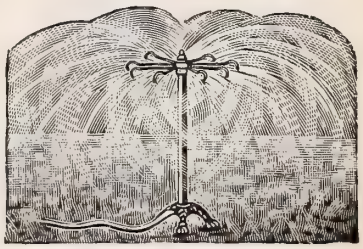


Waterfan

Cyclone Lawn Sprinkler



Pennsylvania Rainmaker Lawn Sprinkler



Peck's Lawn Sprinkler

FERTILIZERS FOR FARM, LAWN, GARDEN AND GREENHOUSE

All Fertilizers delivered free-on-board Philadelphia. Prices subject to change without notice.

Pure Bone Meal. A fertilizer for all purposes. 3 lbs., 20 cts.; 5 lbs., 30 cts.; 25 lbs., $1.25; 50 lbs., $2.00; 100 lbs., $3.75; 200 lb. sack, $6.50; ton, $55.00.

General Crop Grower (Trucker's Favorite). A high grade fertilizer for all vegetables. 100 lbs., $3.00; 200 lbs., $5.00; ton, $41.00.

Cattle or Cow Manure, Shredded. For garden and greenhouse, especially good to mix with compost. 100 lbs., $3.50; 500 lbs., $16.50; 1000 lbs., $30; ton, $55.00.

Land Plaster. For compositing, fertilizing or mixing with manure; also used for mixing with Paris Green. 100 lbs., $1.75; 200 lbs., $3.00; ton, $25.00.

Nitrate of Soda. A fertilizer for all crops. It is very quick in action, and hastens maturity of crops. 5 lbs., 50 cts.; 25 lbs., $1.85; 50 lbs., $2.75; 100 lbs., $5.50.

Poudrette. Contains all the elements necessary for plant life; used extensively by market gardeners. Per 100 lbs., $2.50; 200 lbs., $4.00; 1000 lbs., $17.50; ton, $32.50.

Phosphate. (High grade acid phosphate.) Sack of 200 lbs., $3.50; ton, $30.00.

Sheep Manure, Pulverized. (Wizard Brand.) A pure natural manure, unequalled for mixing with potting soil, for lawns; a general garden fertilizer. 2 lb. package, 20 cts.; 5 lbs., 35 cts.; 10 lbs., 60 cts.; 25 lbs., $1.25; 50 lbs., $2.00; 100 lbs., $3.50; 500 lbs., $16.50; 1000 lbs., $30.00; ton, $55.00.

INSECTICIDES AND FUNGICIDES

Prices on Insecticides and Fungicides Subject to Change Without Notice

Marked can be sent by Parcel Post at purchaser's expense. Consult your local Post Office for rate from Philadelphia*

***Ant Destroyer.** A powder for destroying ants. ¼ lb., 35 cts.; ½ lb., 50 cts.; lb., $1.00.

Antipest. (Carman's.) A liquid preparation for all insects. 1 qt., 60 cts.; ½ gal., $1.00; 1 gal., $1.75.

Aphine. The insecticide that kills plant lice of every description; a strong nicotine extract; dilutes one part to 40 parts of water. 1 qt., $1.00; 1 gal., $3.00.

Arsenate of Lead. (Paste.) For Elm-leaf beetle and catterpillars. Dilute 1 oz. to 1 gal. of water and apply as a spray. 1 lb., 45 cts.; 5 lbs., $2.00; 10 lbs., $3.50; 25 lbs., $6 50; 50 lbs., $11.50; 100 lbs., $21.00.

Arsenate of Lead. (Powder.) Superior to paste; has more covering capacity. 1 lb., 65 cts.; 5 lbs., $2.75; 10 lbs., $5.00; 25 lbs., $11.50; 50 lbs., $22.00; 100 lbs., $39.50.

Arsenate of Zinc. (Dry Powder.) A quick-acting adhesive insecticide for Rose Bugs and Beetles on potatoes, tomatoes and other truck crops. 1 lb., 65 cts.; 5 lbs., $2.75; 10 lbs., $5.00; 25 lbs., $11.50; 50 lbs., $22.00; 100 lbs., $39.50.

Black Leaf 40. A concentrated nicotine solution for spraying. 1 oz., 25 cts.; ½ lb., $1.00; 2 lbs., $3.25; 10 lbs., $13.75.

Bordeaux Arsenate of Lead. (Dry Powder.) For general use on Apples, Grapes and Garden Truck. 1 lb., 60 cts.; 5 lbs., $2.75; 10 lbs., $5.00; 25 lbs., $11.00; 50 lbs., $21.00; 100 lbs., $40.00.

Bordeaux Arsenate of Lead Mixture. (Paste.) A combined fungicide and insecticide. Three ozs. to 1 gal. of water. 1 lb., 50 cts.; 5 lbs., $2.25; 10 lbs., $4.00; 25 lbs., $9.00; 50 lbs., $17.00; 100 lbs., $33.00.

Bordeaux Mixture. (Liquid.) For all fungous diseases; 1 qt., 60 cts.; 1 gal., $1.50; 5 gals., $6.50. One gallon will make 1 barrel liquid.

Bordeaux Mixture. (Paste.) A remedy against Fungous, Rust, and Rot. Five ounces to one gal. of water is standard strength. 1 lb., 40 cts.; 5 lbs., $1.75; 10 lbs., $3.00; 25 lbs., $7.00; 50 lbs., $12.50; 100 lbs., $23.00.

Bordeaux Mixture. (Dry.) For mildew and fungous diseases best to use dry. 1 lb. box, 55 cts.; 5 lbs., $2.50; 10 lbs., $4.50; 25 lbs., $10.50; 50 lbs., $20.00; 100 lbs., $38.00.

***Bug Death.** Used instead of Paris Green for eating insects on Potatoes, Cucumbers, Squash and Currants. 1 lb., 25 cts.; 3 lbs., 50 cts.; 5 lbs., 75 cts.; 12½ lbs., $1.50.

Cattle Comfort. For insects on domestic animals. Qt. can, 75 cts.; gal. can, $2.00; 5-gal. can, $9.00.

Copper Solution. (Liquid.) For Fungus, Mildew, Leaf Blight, Rust and Black Rot. 1 qt., $1.25; 1 gal., $3.00.

***Fir Tree Oil Soap.** ½-lb. can, 50 cts.; 2-lb. can, $1.50.

Fungine. A remedy for fungous diseases of all kinds. 1 qt., $1.00; 1 gal., $3.00.

***Good's Caustic Potash Fish Oil Soap.** Recommended as a summer and winter wash for scale and all insects. 1 lb., 30 cts.; 5 lbs., $1.25; 25 lbs., $5.50.

***Grape Dust.** For mold, mildew or rust mites, either in greenhouses or the open air. 5-lb. pkg., 90 cts.; 10 lbs., $1.75; 25 lbs., $4.00; 100 lbs., $14.50.

Hellebore. For currant worms and sucking insects. ¼ lb., 20 cts.; ½ lb., 35 cts.; 1 lb., 65 cts.; 5 lbs., $3.00.

***Insect Powder.** (Pure Dalmatian.) For roaches, fleas, etc. ¼ lb., 40 cts.; ½ lb., 75 cts.; 1 lb., $1.40.

***Kerosene Emulsion.** (Paste.) Used as a summer wash against scale, plant lice and aphis. 1-qt. can, 70 cts.; gal., $1.65; 5-gal. can, $7.00. One quart makes 20 gallons of spray.

Kerosene Emulsion. (Concentrated Liquid.) For plant lice and aphis. 1 qt., 75 cts.; 1 gal., $1.75; 5 gals., $8.00.

Lemon Oil Co.'s Insecticide. For all insects and soft scale. Recommended for house plants. ½ pint, 35 cts.; pt., 60 cts.; qt., 90 cts.; ½ gal., $1.75; gal., $3.00; 5-gal. keg, $10.50.

Melrosene Rose Bug Destroyer. A splendid insecticide against all insects. Will not discolor flowers or foliage. Pt., $1.00; qt., $1.75; ½ gal., $3.25; 1 gal., $6.00. Dilution one part to 20 parts of water.

***Nico Fume.** This is the strongest tobacco paper on the market. Does not injure blooms, and furnishes the easiest method of fumigation ever devised. Tin box of 24 sheets, $1.25; box of 144 sheets, $5.00; 288 sheets, $9.50.

Nico Fume Liquid. An effective vaporizing liquid. ¼ lb., 65 cts.; 1 lb., $2.00; 4 lbs., $7.50; 8 lbs., $14.50.

Paris Green. ½ lb., 35 cts.; 1 lb., 65 cts.; 5 lbs., $3.00.

Pyrox. A combined insecticide and fungicide for all leaf-eating insects. 1 lb., 40 cts.; 5 lbs., $1.75; 10 lbs., $3.00; 25 lbs., $6.25; 50 lbs., $10.50; 100 lbs., $19.00.

***Rat Corn.** Sure death to rats and mice. 25 cts., 50 cts. and $1.00 size cans.

Readeana Rose Bug Exterminator. Dilute and apply as a spray. Harmless to the most delicate plant. 8 oz., 50 cts.; 24 oz., $1.00; 1 qt. can, $1.25; per gal., $4.00.

Scalecide. As a winter spray for scale. 1 gal., $1.75; 5 gals., $7.00; 10 gals., $12.00; ½ bbl., 30 gals., $30.25; 1 barrel, 50 gals., $45.00.

***Slug Shot.** One of the cheapest and best powders for destroying insects, especially on cabbage. 1 lb., 20 cts.; 5 lbs., 55 cts.; 25 lbs., $2.35; 50 lbs., $4 50; 100 lbs., $8.75.

Sulphide of Potassium. Recommended for mildew on Roses. Use ½ oz. to 1 gal. of water; 4 oz. bottles, $1.00.

***Sulphur, Powdered.** For mildew. Lb., 15 cts.; 5 lbs., 60 cts.; 10 lbs., $1.00; 50 lbs., $4.00; 100 lbs., $7.00.

***Tobacco Dust.** For fumigating and dusting plants. 1 lb., 10 cts.; 5 lbs., 35 cts.; 25 lbs., $1.50; 100 lbs., $5.00.

***Tobacco Soap.** One of the best insecticides for general use. Pkg., 25 cts.; 10 lb. can, $2.50.

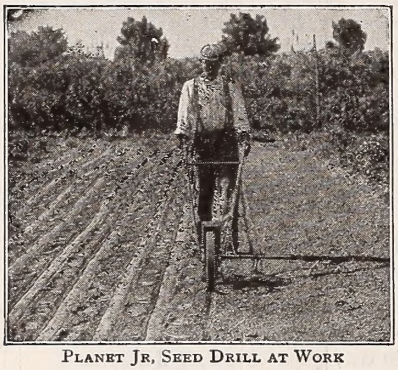
***Tree Tanglefoot.** (Caterpillar Paste.) A remedy against caterpillars and all tree climbing insects. Apply around the trunk of the tree a circle, 3 to 5 inches wide. 1 lb., 50 cts.; 5 lbs., $2.40; 10 lbs., $4.50; 20 lbs., $8.75; 25 lbs., $10.50.

Weed Killer. For cleaning gravel paths, drives and gutters of weeds, moss, etc. A great labor saver. 1 gal. makes 1 bbl. of liquid. 1 qt., 60 cts.; ½ gal., 90 cts.; gal., $1.75; 5 gals., $6.75; 10 gals., $12.50; 30 gals., ½ bbl., $33.00; bbl., $47.50.

***Whale or Fish Oil Soap.** Used during the summer as a wash, thus preventing the spread of scale. 1 lb., 25 cts.

Worm Eradicator. For removing worms of any kind in greenhouses and potted plants, etc., without injury to the most delicate plants. 24 oz., $1.00.

Planet Jr. Farm and Garden Implements



Planet Jr. Seed Drill at Work

Have a great variety of attachments which adapt the implements to all kinds of work, and there is scarcely any garden that has not adopted the Planet Jr. Tools. You can do more and better hoeing and cultivating, and plants thrive better when well cultivated.

No. 3 Hill Dropping and Drill Seeder only. Capacity 3 qts..$19 00

No. 4 Combined Hill and Drill Seeder and Hoe 20 40

No. 4 D Hill and Drill Seeder only..... 16 10

No. 5 Hill and Drill Seeder. Capacity, 5 qts..... 21 75

No. 25 Combined Hill and Drill Seeder and Double Wheel Hoe complete..... 23 10

No. 31 Combined Drill Seeder and Single Wheel Hoe..... 13 20

No. 31 D. As a **Drill Seeder** only..... 10 50

No. 33 Single Wheel Hoe equipment of No. 31 6 70

No. 16 Single Wheel Hoe, has 1 Plow, 2 Hoes, 3 Cultivator Teeth, 2 Rakes and Leaf Lifter 10 75

No. 17 Single Wheel Hoe, has 1 Plow, 2 Hoes and 3 Cultivator Teeth..... 9 00

No. 17½ Single Wheel Hoe, has 2 Hoes and 3 Cultivator Teeth..... 7 75

No. 19 Single Wheel Hoe. (See cut.)..... 6 25

No. 11 Double Wheel Hoe, has 2 Plows, 4 Hoes, 4 Cultivator Teeth, 2 Leaf Lifters and 4 Rakes.....16 25

No. 12 Double Wheel Hoe, has 2 Plows, 2 Hoes, 4 Cultivator Teeth and Leaf Lifters....13 20

No. 13 Double Wheel Hoe, has 2 6-inch Hoes only 9 15

No 90-12 Tooth Harrow, as illustrated (cast wheel).....20 00

No. 90 B 12 Tooth Harrow, without Pulverizer (cast wheel).....16 50

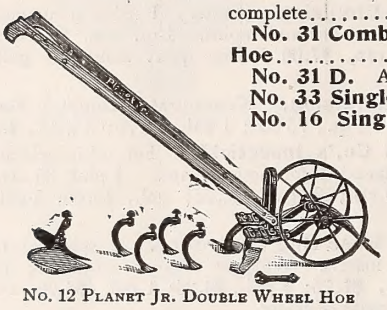
No. 8 Horse Hoe and Cultivator, with depth regulator and expander (cast wheel).....20 75

No. 9 Horse Hoe and Cultivator, plain, with wheel only (cast wheel).....16 80

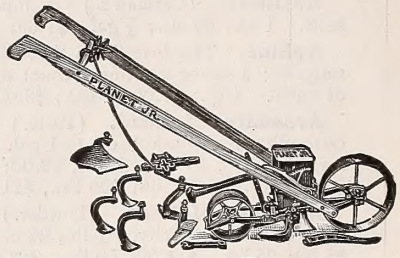
Fire-Fly Hand Plow. A useful tool. Will make a furrow 4 to 6 inches wide and 2 to 4 inches deep. Splendid tool for the kitchen garden..... 4 25

Star Pulverizer..... 6 15

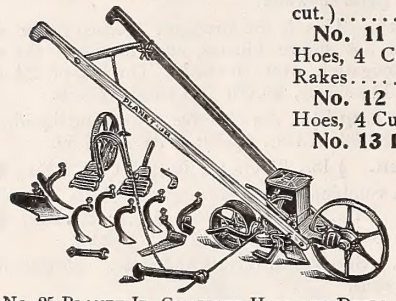
Planet Jr. Cultivator at Its Daily Duties



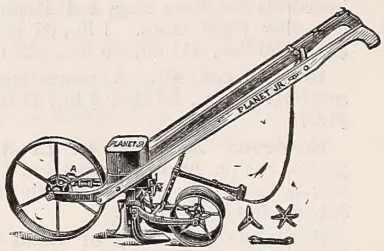
No. 12 Planet Jr. Double Wheel Hoe



No. 4 Planet Jr. Combined Hill and Drill Seeder and Single Wheel Hoe



No. 25 Planet Jr. Combined Hill and Drill Seeder and Double Wheel Hoe

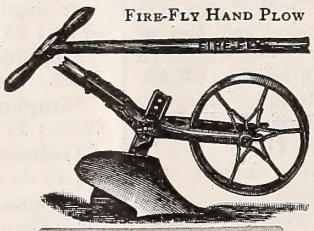


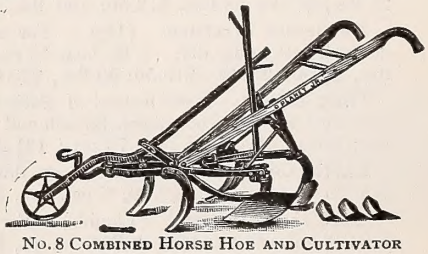
No. 3 Planet Jr. Hill and Drill Seeder

No. 16 Planet Jr. Single Wheel Hoe

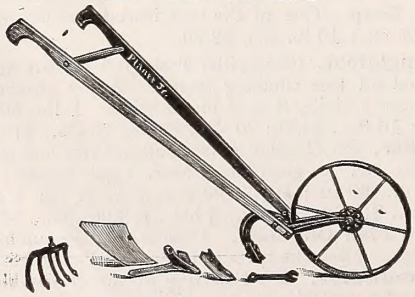
No. 31 Planet Jr. Combined Drill Seeder and Single Wheel Hoe

Fire-Fly Hand Plow





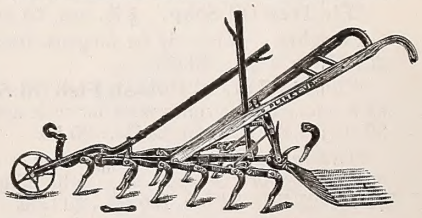
No. 8 Combined Horse Hoe and Cultivator



No. 19 Planet Single Wheel Hoe

The New Planet Jr. Catalogue

Planet Jr. Horse Tools



No. 90-12 Tooth Harrow, Cultivator and Pulverizer

Mailed free on application

Prices on Tools and Sundries subject to change without notice

Books on Horticultural and Kindred Subjects

ALL BOOKS SENT POSTPAID AT PRICES GIVEN

A Woman's Hardy Garden (Mrs. Ely). One of the most popular and helpful books for the amateur, beautifully illustrated. $2 00

Amateur's Practical Garden Book. Contains the simplest directions for the growing of the commonest things about the house and garden..... 1 60

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Berry Book (Biggle's). All small fruits are treated in this complete little book..... 50

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Carnation Culture (Dick). Practical guide to modern methods of growing Carnations..... 1 50

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Potato Culture (Fraser). The most reliable and authoritative book on the potato published..... 1 00

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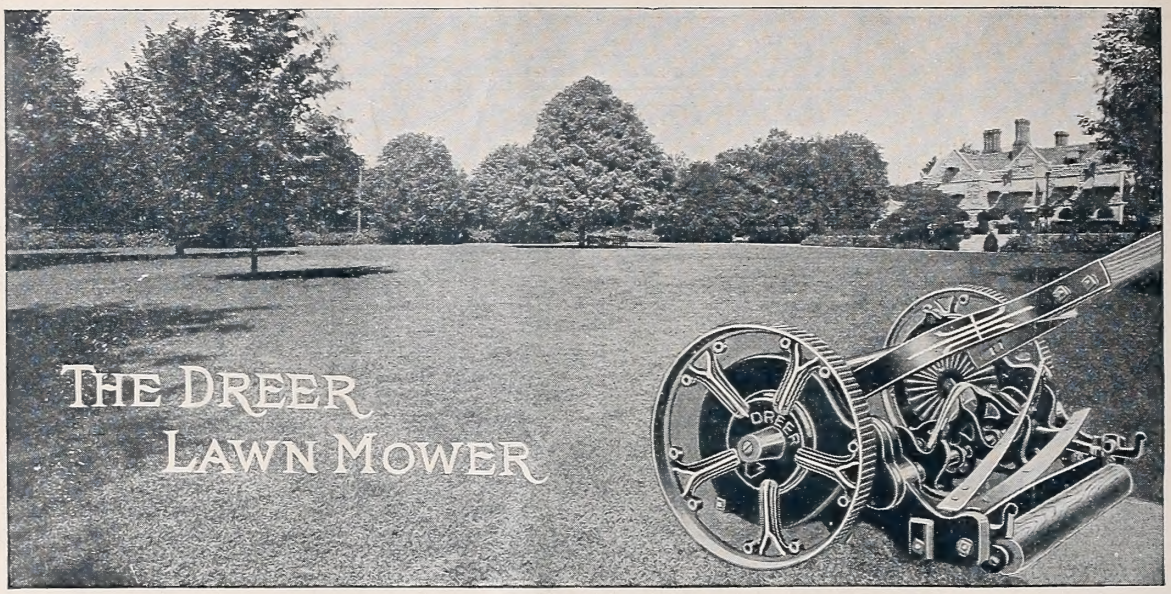
Violet Culture (Galloway). The only comprehensive work on this important subject..... 1 50

Water Gardening. A very complete work on this most fascinating branch of horticulture..... 3 50



The "Dreer" Lawn Mower has no superior, and is now extensively used on private and public grounds. The High Wheel is easiest running, has ten-inch drive wheels, and can be supplied with either four or five blades in the revolving cutter. For frequently mown lawns we advise the five blade machines, as they cut smooth, although the four blades does excellent work. The Low Wheel is built on the same plan, but with four blades only. Grass catchers can be supplied for both machines when ordered.

The Dreer Lawn Mower is Guaranteed. We can furnish all repairs at short notice. (Send for special circular.)

"DREER" HIGH WHEEL MOWER

	With 4 Blades	With 5 Blades
15-inch cut	$24 50	$26 00
17 " "	28 50	30 00
19 " "	32 50	34 00
21 " "	36 50	38 00

Pennsylvania "Grand" Horse Lawn Mower

This machine, in addition to the good qualities of the well-known Pennsylvania Standard Horse Mower, has some features that are distinctly its own which recommend it to all who use horse power machines. The operator, without leaving his seat, can instantly change from low to high cut or an intermediate one.

Fitted with handles and draft irons only, the mower can be easily managed on a lawn broken up with trees and shrubbery, or on a small place where it is not essential for the driver to ride.

30-in. cut, 4 blades, $150; with shafts, seat and footboard, $175
38-in. " 4 " 190; " " " " " 225

Pennsylvania Horse Lawn Mower

30-in. cut, 4 blades, $135; with shafts, seat and footboard, $160
38-in. " 4 " 175; " " " " " 200

Above prices are for 4 blade mowers; for 6 blade mowers add $20.00 to the price of each machine.

25-inch Pony Mower, 4 blades, $70.00; 6 blades, $80.00.

"DREER" LOW WHEEL MOWER

12-inch cut, 4 blades	$16 50	16-inch cut, 4 blades	$22 00
14 " " "	19 00	18 " " "	25 00

GRASS CATCHERS FOR "DREER" MOWERS

12-inch (Low Wheel)	$3 75	15-inch (High Wheel)	$4 50
14 " " "	3 75	17 " " "	4 50
16 " " "	4 50	19 " " "	5 00
18 " " "	4 50	21 " " "	5 50

Pennsylvania Ball Bearing Lawn Trimmer

For cutting around borders and flower beds, and close to wall, fence or stone coping. 6-inch cut. Price, $11.50.

Pennsylvania Undercut Ball Bearing Lawn Trimmer

6-inch cut.....Price, $13.00

COLDWELL HORSE LAWN MOWER

Is used in many public parks and private estates. Price complete with shafts, seat and side draft attachment, which keeps the horse on the cut grass.

4 blade, 30-inch, $120.00; 4 blade, 40-inch, $150.00.
4 " 35-inch, $135.00.

For 6 blade machines, add $20.00 to above prices. Pony Mower without shafts or seat, $95.00.

OILERS

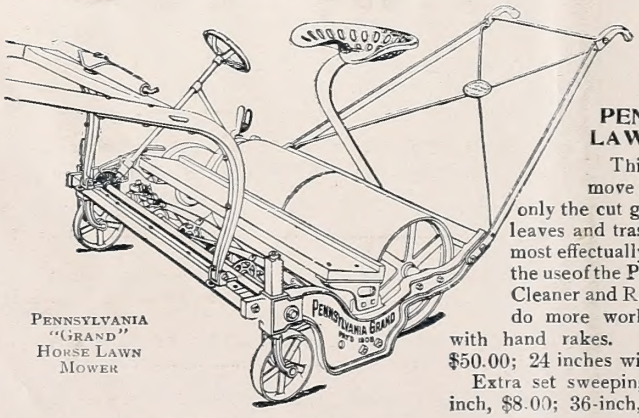
Copperized steel, 50 cts.; extra large, 75 cts.; zinc, 50 cts.

SPECIAL LAWN MOWER OIL

1 qt., $0.50; ½ gal., $0.75; 1 gal., $1.00.

HORSE LAWN BOOTS

Golf Link Boots, all leather, per set.....$18 00
Flat Sole, heavy leather " " 18 00

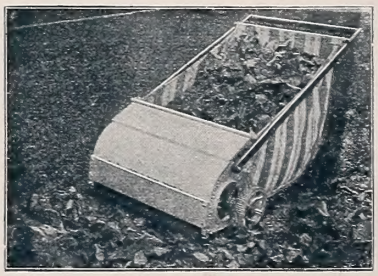


PENNSYLVANIA "GRAND" HORSE LAWN MOWER

PENNSYLVANIA LAWN CLEANER

This machine will remove from the lawn not only the cut grass, but all litter, leaves and trash. This work is most effectually accomplished by the use of the Pennsylvania Lawn Cleaner and Rake. One man can do more work than four men with hand rakes. 36 inches wide, $50.00; 24 inches wide, $35.00.

Extra set sweeping brushes for 24-inch, $8.00; 36-inch, $10.00.



PENNSYLVANIA LAWN CLEANER

We can supply Pennsylvania, Continental and Philadelphia Hand Lawn Mowers, also Motor Power Mowers. Write for Catalogues and Prices.